

FILE FOLDER

DESCRIPTION ON TAB:

10th Marines

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UNITED STATES MARINE CORPS
10th Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542-5515

IN REPLY REFER TO

6240
S-4
9 Sep 87

From: Commanding Officer, 10th Marines
To: Distribution List

Subj: REGT HW NOTICE 11-87: OVERVIEW OF DISCREPANCIES CITED DURING RECENT BASE NREAD INSPECTION OF TENTH MAR HAZARDOUS WASTE FACILITIES

Ref: (a) BO 6240.5A

Encl: (1) HW Certification Label Requirements

1. Per the reference, Base NREAD personnel conducted a hazardous waste compliance inspection of our five hazardous waste facilities on 20 Aug 87. Key discrepancies and lessons learned from this inspection are summarized below:

a. IMPROPER LABELING OF HAZARDOUS WASTE CONTAINERS. Refer to enclosure (1) for procedures in properly completing the HW certification label. Mandatory entries need to be made in the following areas of each label:

- (1) Proper D.O.T. Shipping Name
- (2) UN or NA #
- (3) EPA Waste No.
- (4) Accumulation Start Date

b. SPILL CONTINGENCY PLANS NOT POSTED IN DESKTOP PROCEDURES TURNOVER FILES. The requirement is for updated contingency plans to be posted at the hazardous waste storage site itself with an identical copy placed in the unit's HW desktop procedures/turnover file.

c. HAZARDOUS WASTE CONTAINERS NOT PROPERLY SEALED ON TOP. The containers must have sealed, immovable lids with two bong plugs (with gaskets attached) in place. Drain funnels or other objects are not proper seals. Containers may only be opened when hazardous waste is being poured into them.

d. HAZARDOUS WASTE CONTAINERS NOT BEING PICKED UP BY DRMO WITHIN 90 DAYS OF ACCUMULATION START DATES. At approximately 45 days of the "accumulation start date," DD 1348-1 documents need to be typed up for the waste and forwarded to DRMO (via Regt HMDO and Div HMDC (Div Engineer office)). Prior to the 90 day deadline, a DRMO representative will visit the site to inspect the containers and make arrangements to assume custody of the waste. If this does not occur as the deadline approach, the Regimental HMDO needs to be notified immediately.

RECENT HASR WREAP INSPECTION OF TENTH MAR HAZARDOUS WASTE FACILITIES

Report No. 10 00-0000

1. For the reference, Base WREAP personnel conducted a hazardous waste compliance inspection of our five hazardous waste facilities on 30 Aug 84. Key discrepancies and lessons learned from this inspection are summarized below:

2. IMPROPER LABELING ON HAZARDOUS WASTE CONTAINERS. Refer to end page 11 for procedures in properly completing the HW certification label. Mandatory entries need to be made in the following areas of each label:

- (1) Proper D.O.T. Shipping Name
- (2) UN or NA #
- (3) EPA Waste No.
- (4) Accumulation Start Date

3. HAZARDOUS WASTE STORAGE AREA NOT POSTED IN DESKTOP PROCEDURES TURN-OVER FILES. The requirement is for updated contingency plans to be posted at the hazardous waste storage site itself with an identical copy placed in the unit's HW desktop procedures/turnover files.

4. HAZARDOUS WASTE CONTAINERS NOT PROPERLY SEALED ON TOP. The containers must have sealed, immovable lids with two lock pins (with gaskets attached) in place. Drain tunnels or other objects are not proper seals. Containers may only be opened when hazardous waste is being poured into them.

5. HAZARDOUS WASTE CONTAINERS NOT BEING PICKED UP BY DRMO WITHIN 90 DAYS OF ACCUMULATION START DATE. An approximately 45 days of the accumulation start date, DD 1348-1 documents need to be typed up for the waste and forwarded to DRMO (via Regt HMDO and Div HMDO (Div Engineer office)). Prior to the 90 day deadline, a DRMO representative will visit the site to inspect the containers and make arrangements to assume custody of the waste. If this does not occur as the deadline approaches, the Regt. HMDO needs to be notified immediately.

e. WEEKLY INSPECTION CHECKLISTS NOT CONTAINING SPECIFIC INFORMATION ON CORRECTIVE ACTION TAKEN FOR DISCREPANCIES. When citing corrective action, specific names, dates, and places need to be formally documented on the weekly checklists.

f. INDIVIDUAL TRAINING RECORDS NOT HAVING ON-THE-JOB (OJT) TRAINING ENTRIES POSTED. In addition to training records being made available at formal training sessions/classes for the instructor's certification, all informal training (e.g. initial indoctrination, OJT, etc.) must be entered in the training records and formally certified by the HW Facility OIC or HMDO.

2. Other lessons learned from this inspection are listed below:

a. Under no circumstances shall hazardous waste products be transported in vehicles by anyone except specially-trained handlers from DRMO.

b. The proper chain for screening completed DRMO DD 1348-1 turn-in documents is:

- (1) HW Facility OIC
- (2) Regimental HMDO (Bldg 522)
- (3) Division HMDC (Bldg 422)
- (4) DRMO HW Coordinator (Bldg TP-451)

c. When conducting their inspections, State of North Carolina EPA inspectors will quiz HW Facility OIC's and handlers on their procedures relating to hazardous waste management. We must ensure that all personnel involved in the HW program are thoroughly knowledgeable and technically proficient in the performance of their duties.

d. To assist in managing this program, the following items are now available to using units:

- (1) Bong plugs can be obtained from Self-Service.
- (2) Five-gallon plastic containers for storing electrolyte can be obtained from Shop Stores (NSN 6810-00-249-9354).
- (3) Warning labels (i.e. "CORROSIVE" for electrolyte or "COMBUSTIBLE LIQUID" for dry cleaning solvent) can be obtained for Self-Service or by contacting SSgt Labelle at PP&P (ext. 1620/5224).
- (4) HW certification labels can be obtained from MGySgt Velez at Division Engineer/HMDC (ext. 2516/2517).

3. POC for additional information or guidance is Capt Higgins (ext. 3467/3933).

E. M. CAMPBELL
By direction

WEEKLY INSPECTION CHECKLISTS NOT CONTAINING SPECIFIC INFORMATION ON CORRECTIVE ACTION TAKEN FOR DISCREPANCIES. When citing corrective action, specific names, dates, and places need to be formally documented on the weekly checklists.

INDIVIDUAL TRAINING RECORDS (HW-FAC-001) TRAINING ENTERIES FORMS. In addition to training records being made available at formal training sessions/classes for the instructor's certification, all informal training (e.g. initial indoctrination, OJT, etc.) must be entered in the training records and formally certified by the HW Facility OIC or HMDO.

Other lessons learned from this inspection are listed below:
a. Under no circumstances shall hazardous waste products be transported in vehicles by anyone except specially-trained handlers from DRMO.

b. The proper chain of reporting completed DRMO ID 1348-1 when in documents is:

- (1) HW Facility OIC
- (2) Regimental HMDO (Bldg 822)
- (3) Division HMDC (Bldg 422)
- (4) DRMO HW Coordinator (Bldg TP-421)

c. When conducting their inspections, State of North Carolina EPA inspectors will audit HW Facility OIC's and handlers on their practices relating to hazardous waste management. We must ensure that all personnel involved in the HW program are thoroughly knowledgeable and technically proficient in the performance of their duties.

d. To assist in managing this program, the following items are now available for your use:

- (1) Bags plus can be obtained from Self-Service.
 - (2) Five-gallon plastic containers for storing electrolyte can be obtained from Shop Stores (NWS 2816-00-249-2324).
 - (3) Warning labels (i.e. "CORROSIVE" for electrolyte or "COMBUSTIBLE LIQUID" for dry cleaning solvent) can be obtained for Self-Service or by contacting 888g labels at P&H (ext. 1020/2324).
 - (4) HW certification labels can be obtained from MGS&S Veler at Division Engineer/HMDC (ext. 2510/2311).
- For additional information or guidance in OJT training, ext. 2887/2023.

E. M. CAMPBELL
By direction



Camp Lejeune, North Carolina 28542-5515

IN REPLY REFER TO

5100
S-4
13 Aug 87

From: Commanding Officer, 10th Marines
To: Commanding General, 2d Marine Division, FMFlant
(Div G-4, HMDC)

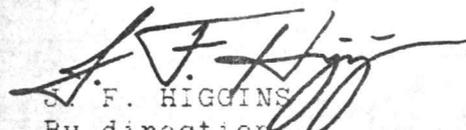
Subj: REQUEST FOR ASSISTANCE IN OBTAINING MATERIAL SAFETY DATA
SHEETS (HAZARDOUS MATERIAL INFORMATION SYSTEM - HMIS)

Ref: (a) NREAD HW Management Inspection Report Checklist
(b) MCO 5100.25
(c) PhoneCon btwn Capt Higgins (HMDO, 10th Mar) and Mr.
Sharp (NREAD, MCB, CLNC) on 13 Aug 87

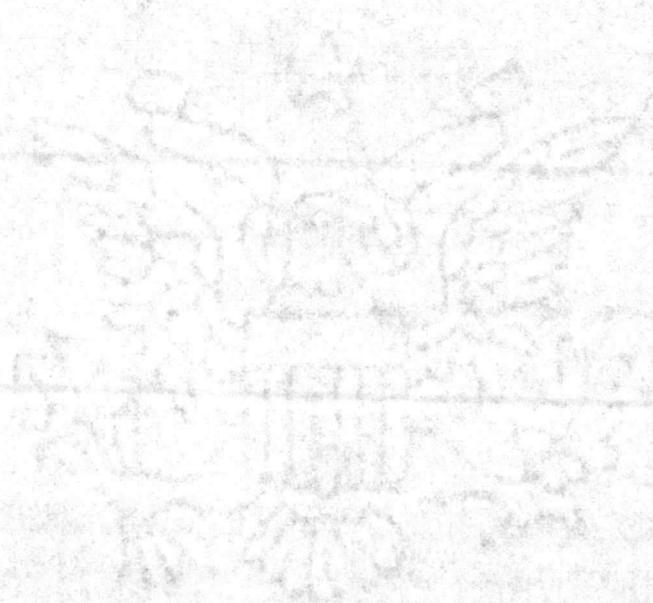
Encl: (1) Listing of common HW generated in Tenth Mar Regiment

1. Reference (a), in conjunction with reference (b), requires that Material Safety Data Sheets be established and maintained within each unit. It was learned during reference (c) that NREAD is only concerned with applicability to hazardous waste items. Using the enclosure as a guide it is requested that guidance be provided to us in this area in order for us to conform with HMIS requirements.

2. POC on this matter is Capt Higgins, Regt HMDO (ext. #3467/3933).


S. F. HIGGINS
By direction

Copy to:
HW Fac OICs





UNITED STATES MARINE CORPS
10th Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542-5515

NREAD

IN REPLY REFER TO

6240

S-4/HW

27 May 87

From: Commanding Officer, 10th Marines
To: Distribution list

Subj: REGT HW PROGRAM NOTICE 1-87: ORGANIZATIONAL STRUCTURE FOR HAZARDOUS WASTE MANAGEMENT PERSONNEL IN TENTH MARINES

Encl: (1) Copy of Regt S-4 ltr 6240 S-4 of 7 May 87
(2) Copy of HW Accumulation/Generation Position Paper dtd 14 May 87
(3) HW Management Personnel Assignment Report Format

1. Until a Regimental Hazardous Waste SOP order is published, periodic notices of this type will be published to disseminate information and guidance necessary for each unit to develop a viable hazardous waste (HW) management program. Copies of these notices shall be maintained in appropriate turnover files of all HW personnel. Missing or additional copies may be obtained by contacting the Regimental HMDO, Capt HIGGINS (ext. 3467/3933).

2. Based on unit input provided in response to the proposal for reducing the present number of hazardous waste (HW) sites throughout the Regimental from 24 to five (see enclosure (1)), a position paper was initiated for the Regimental Commanding Officer's endorsement which amplified the site reduction proposal and centralized the HW management program under the Regimental Hazardous Material Disposal Officer (HMDO) (see enclosure (2)). Accordingly, the organizational structure depicted in enclosure (1) shall be placed into effect immediately with the exception of Regimental Comm (Bldg 1704) in which guidance for individual unit turn-in of lithium batteries to this facility will be addressed in REGT HW PROGRAM NOTICE 3-87.

3. Using the form contained in the enclosure (3), the following units/sections shall list those personnel who have been assigned to specific HW management billets, and submit these reports to Regimental S-4 (HMDO) by COB on 3 Jun 87:

a. Unit HMDO and Assistant: HQBtry, TABtry, 1/10 thru 5/10.

b. HW Facility OIC, NCOIC, and Handlers

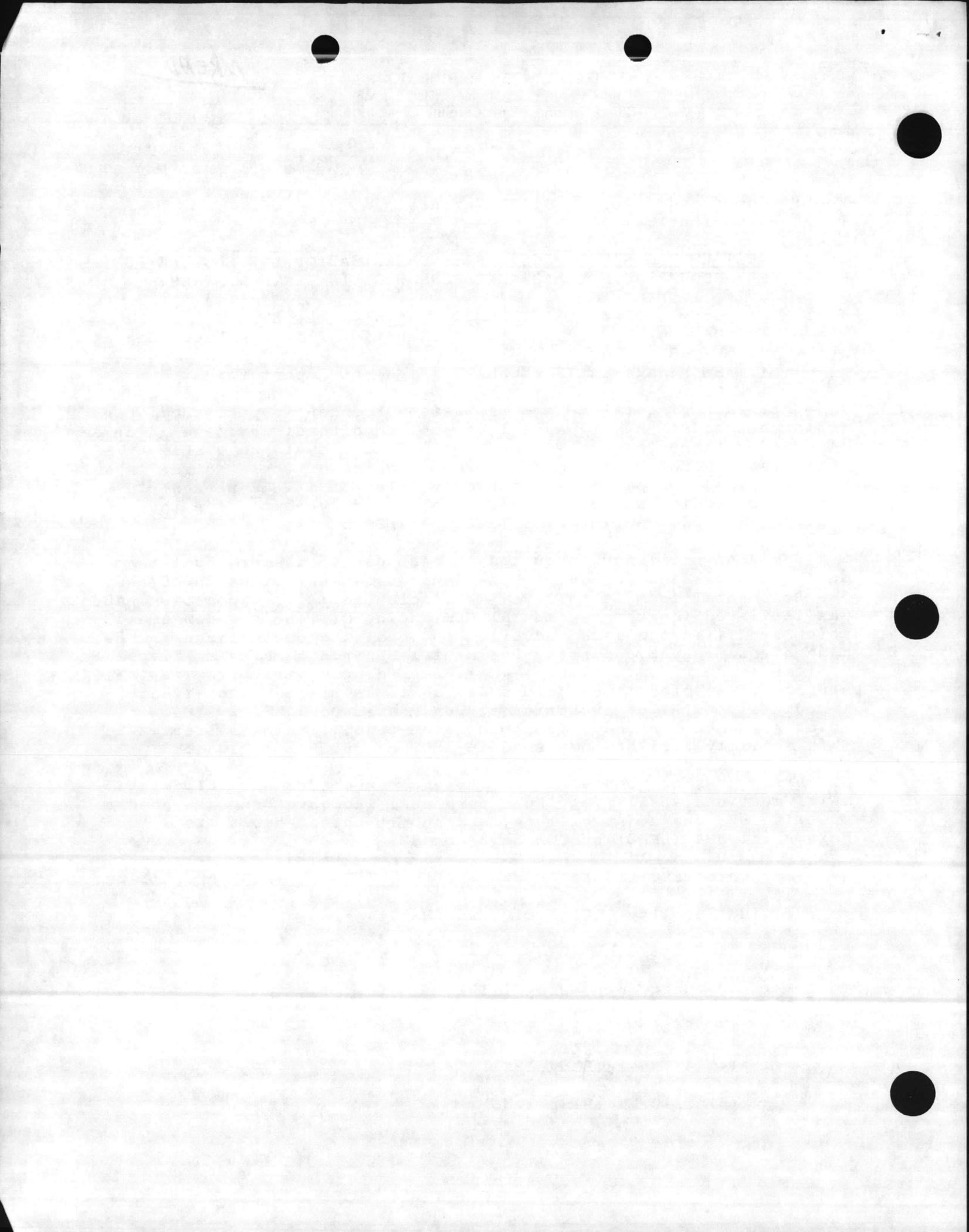
(1) Regt Comm (Bldg 1704)

(2) Regt Engr (Bldg 1715)

(3) Regt MT (Bldg 1775)

(4) 4/10 MT (Bldg 1841)

(5) 5/10 MT (Bldg 1450)

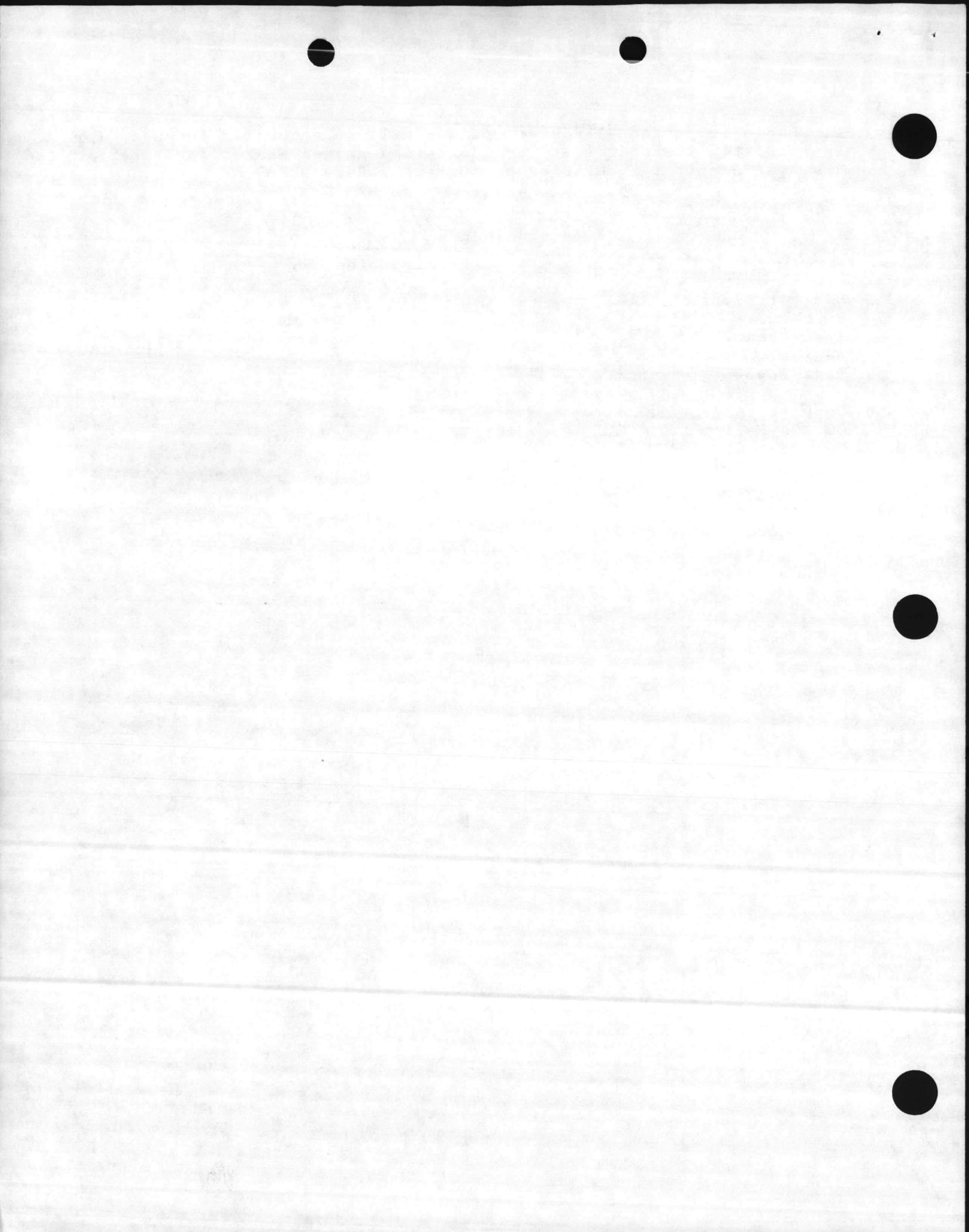


4. Periodic personnel roster updates will be requested in order for appropriate individuals to be identified and earmarked for specific training sessions or classes conducted by Base NREAD.

EM Campbell
E. M. CAMPBELL
By direction

Distribution:
En HMDOs
Regt CommO
Regt MTO
Regt EngrO

Copy to:
CG, 2d MarDiv, FMF (AC/S G-4, FacO)
CG, MCB, CLNC (NREAD)





UNITED STATES MARINE CORPS
10th Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542-5515

IN REPLY REFER TO

6240

S-4

7 May 87

MEMORANDUM

From: S-4, 10th Marines

To: Distribution

Subj: HAZARDOUS WASTE (HW) ACCUMULATION/GENERATION

Encl: (1) Proposed Organization for HW Management

1. The Regiment currently has 24 HW accumulation/generation sites located in 16 buildings. During a recent inspection conducted by MCB Environmental Personnel, all of our HW sites except 5/10 (rated outstanding) and the Regimental Engineer Section (no discrepancies) had major violations. The following is a summary of the requirements that generated our discrepancies:

a. Training Records. At each HW site the OIC, NCOIC, and all personnel who handle HW must receive training. A roster of these personnel and a record of their training will be maintained at the site.

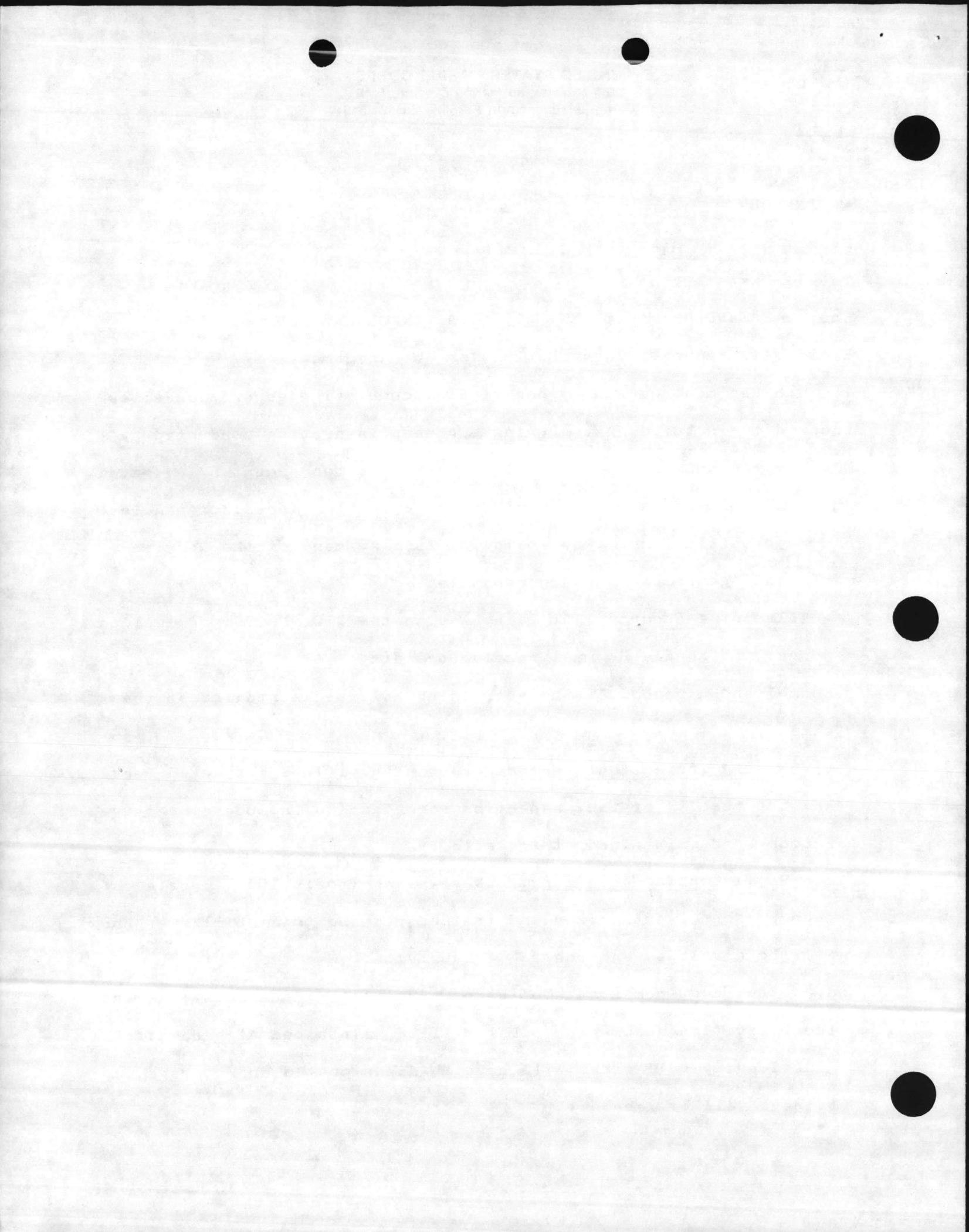
b. Weekly Inspection Records. Each site will be inspected weekly and the results of the inspection recorded (to include corrective action) and maintained at the site.

c. Spill Contingency Plans. These plans (to include a roster of shop personnel authorized and trained respond to a spill/emergency) will be developed and posted at each site.

d. Other Requirements. Copies of pertinent orders/SOPs and waste identification documents (WIDs) will be maintained at each site.

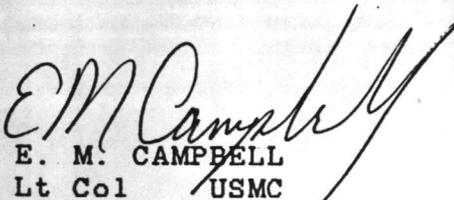
Additionally, all sites will have HW signs posted and storage containers will be labeled.

ENCLOSURE [/]



Additionally, all sites will have HW signs posted and storage containers will be labeled.

2. With the current number of HW accumulation/generation sites in the Regiment, our manpower and administrative overhead is significant, and the effort required to manage the program is excessive. The enclosure is a proposal to reduce the number of Regimental sites from 24 to 5 and centerize the HW management effort.
3. I request that you review the enclosure and submit comments/concurrence to me by 11 May.

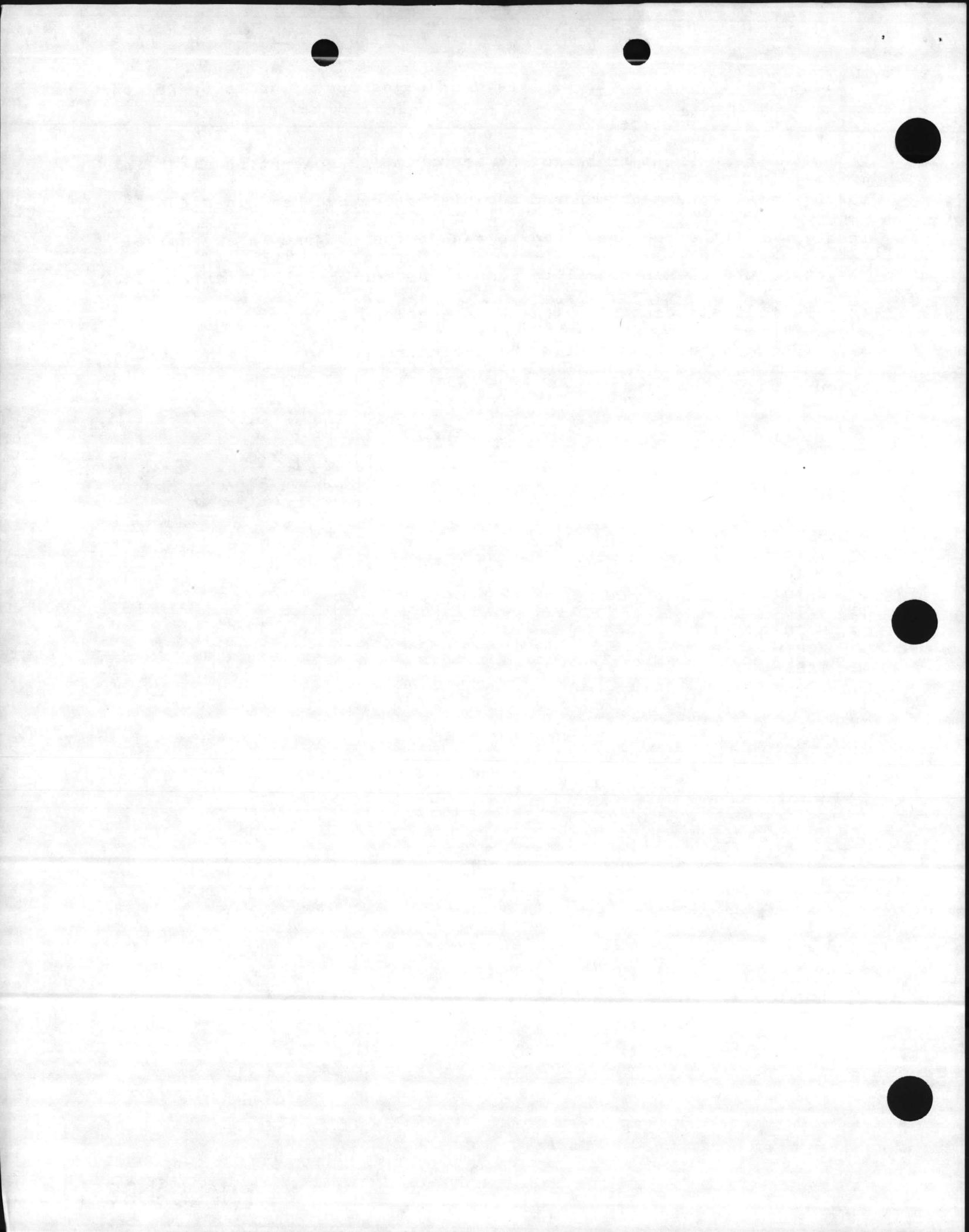

E. M. CAMPBELL
Lt Col USMC

Distribution:

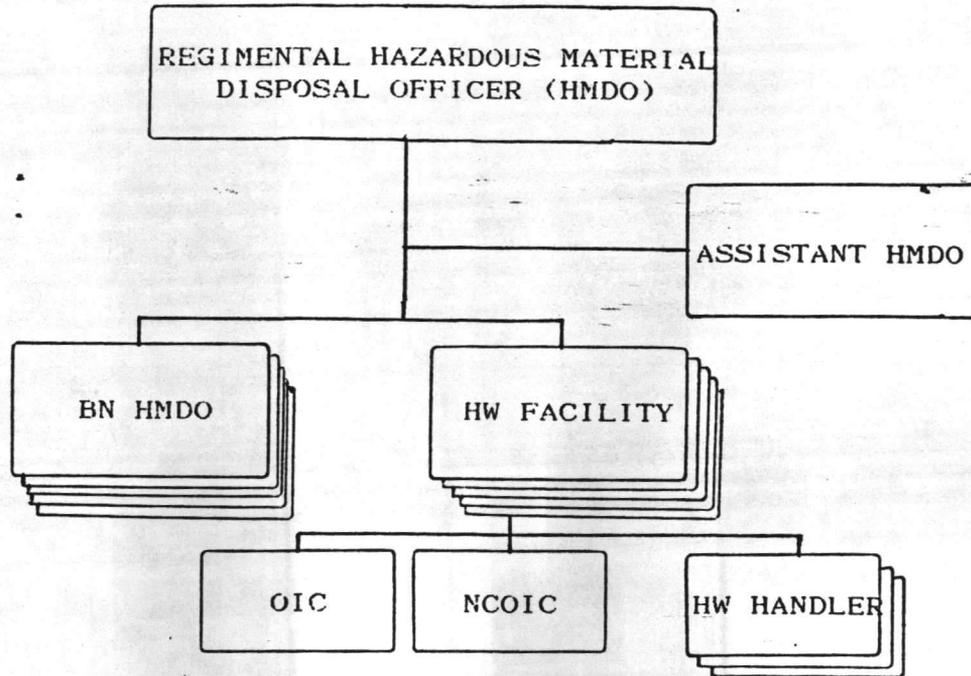
CO, 1/10
CO, 2/10
CO, 3/10
CO, 4/10
CO, 5/10
CO, HQBtry
CO, TABtry
Regt CommO

Copy to:
Regt XO

ENCLOSURE [1]



PROPOSED ORGANIZATION FOR HW MANAGEMENT



FACILITY
REGT COMM
BLDG 1704

USING UNITS
ALL COMM
SECTIONS

UNIT PROV
OIC-NCOIC
HQ BTRY

UNIT PROV
HW HANDLERS
TBD

REGT ENGR
BLDG 1715

ENGR SECT

HQ BTRY

ENGR SECT

MT/GP*
BLDG 1775

1/10, 2/10
& 3/10

HQ BTRY

1/10, 2/10
& 3/10

MT/GP
BLDG 1841

HQ/TA BTRY
& 4/10

4/10

HQ/TA BTRY
& 4/10

MT/GP
BLDG 1450

5/10

5/10

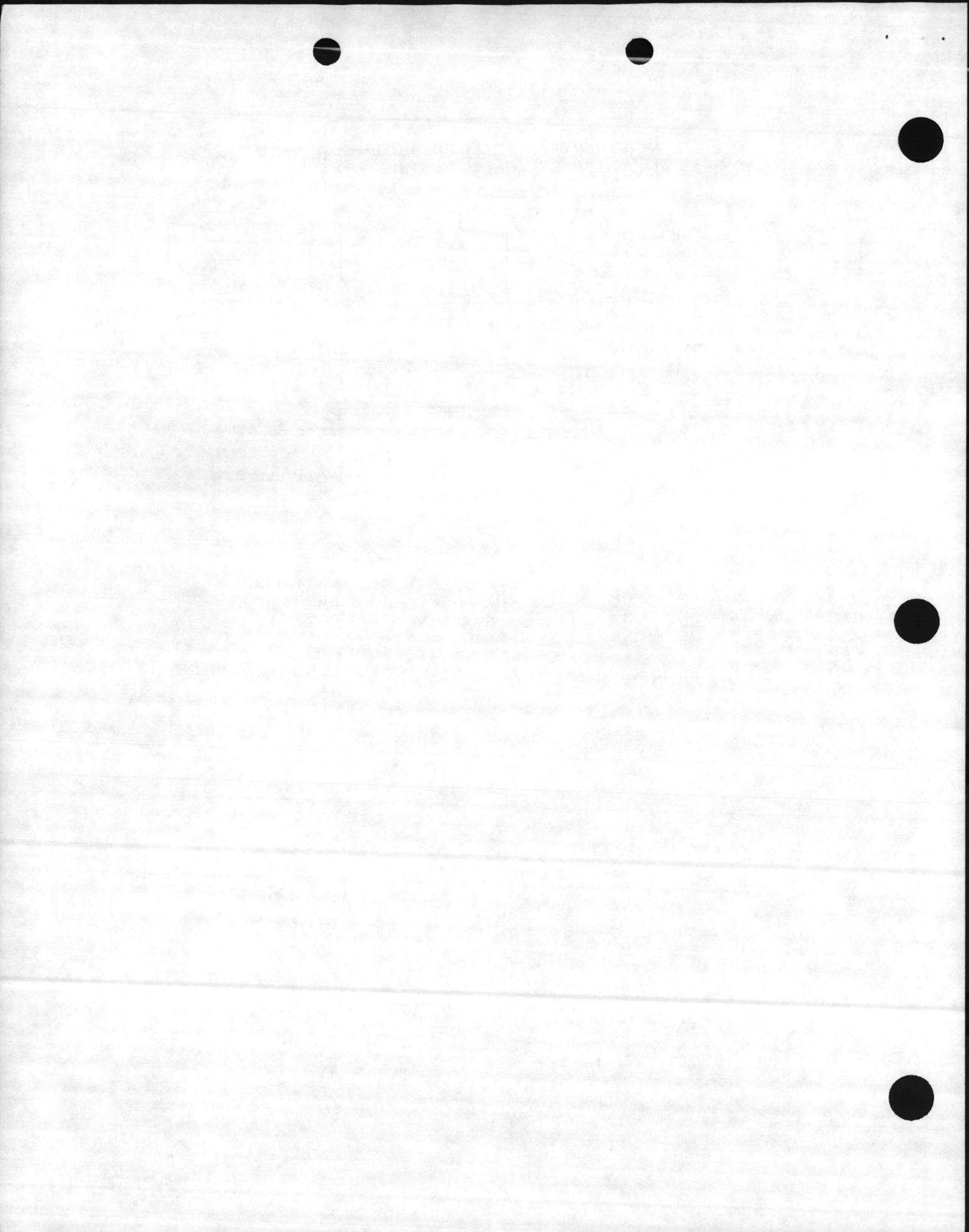
5/10

BILLET DESCRIPTION

REGT HMDO

- ACT AS THE REGIMENTAL POC FOR ALL HW MATTERS AND COORDINATE THE REGIMENTAL HW PROGRAM.
- PUBLISH A REGIMENTAL HW SOP.

ENCLOSURE [1]



- CONDUCT QUARTERLY INSPECTIONS OF HW FACILITIES.

ASST HMDO

- ASSIST THE REGIMENTAL HMDO IN THE EXECUTION OF HIS DUTIES AND COORDINATE HW TRAINING WITHIN THE REGIMENT.

BN HMDO (SEE NOTE #1)

- ACT AS BN POC FOR ALL HW MATTERS AND CONDUCT HW TRAINING AT THE UNIT LEVEL.
- WHEN HIS UNIT IS DEPLOYED AWAY FROM THE REGIMENT, THE BN HMDO WILL COORDINATE THE BN'S HW PROGRAM.
- COORDINATE THE ASSIGNMENT OF HW HANDLERS.

HW FACILITY OIC/NCOIC

- OPERATE THE HW FACILITY IN ACCORDANCE WITH EXISTING REGULATIONS AND GUIDANCE PROVIDED BY THE REGIMENTAL HMDO.
- MAINTAIN REQUIRED HW DOCUMENTS FOR THE FACILITY AND TRAINING RECORDS FOR ALL HW PERSONNEL ASSIGNED TO THE FACILITY.
- CONDUCT WEEKLY INSPECTIONS OF THE FACILITY AND RECORD RESULTS (TO INCLUDE CORRECTIVE ACTION).
- CONDUCT TRAINING FOR ALL HW PERSONNEL ASSIGNED TO THE FACILITY.

HW HANDLERS (SEE NOTE #2)

- RECEIVE/STORE/DISPOSE OF HW IN ACCORDANCE WITH EXISTING REGULATIONS AND GUIDANCE PROVIDED BY THE FACILITY OIC/NCOIC.
- POST AND MAINTAIN REQUIRED HW SIGNS AND LABELS IN THE FACILITY.
- ASSIST IN HANDLING HAZARDOUS MATERIAL/WASTE SPILLS AND RELATED EMERGENCIES.

NOTES

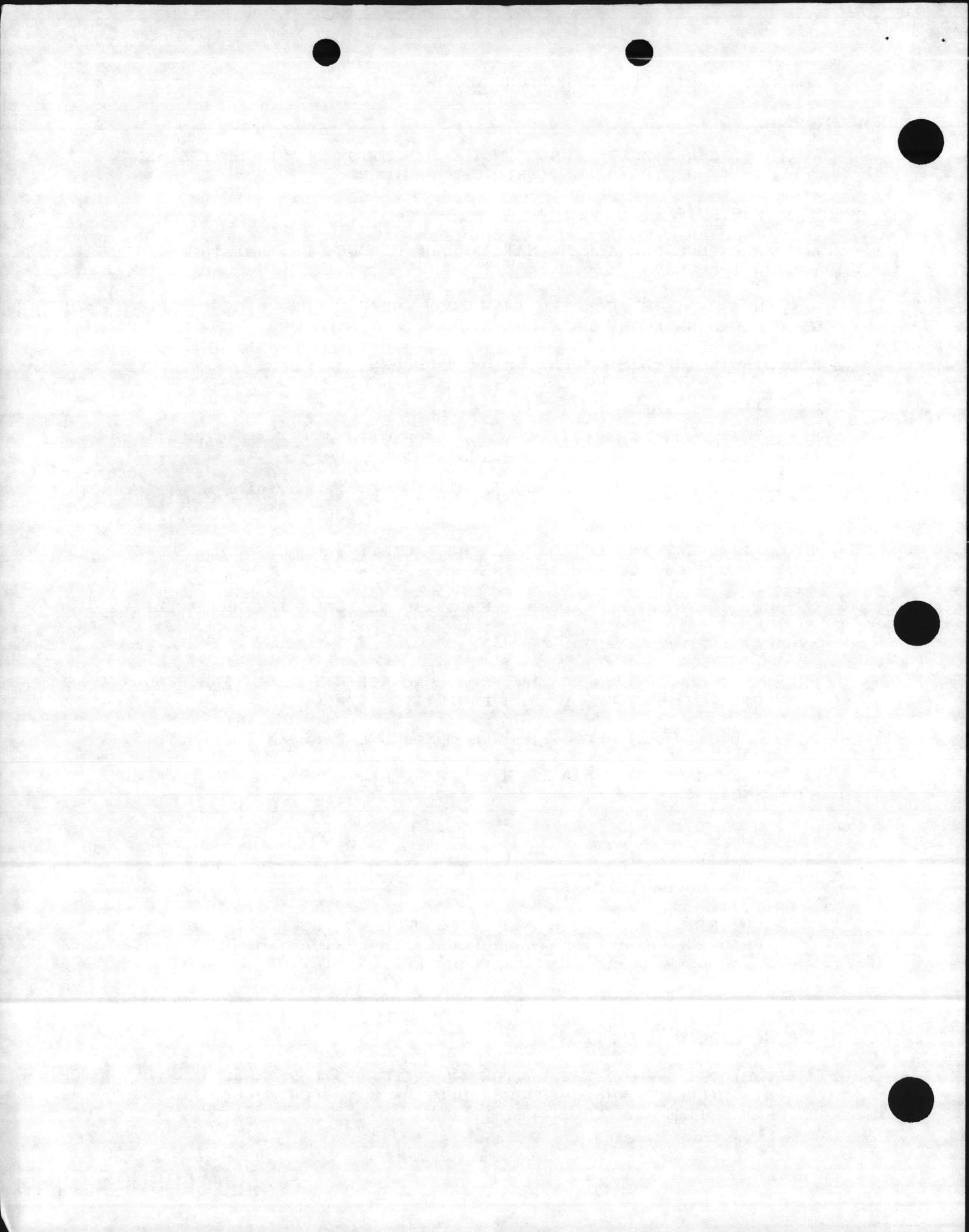
#1: BN HMDOS WILL NOT BE DIRECTLY INVOLVED WITH THE OPERATION OF THE HW FACILITIES.

#2: EACH UNIT TASKED WITH PROVIDING HW HANDLERS SHOULD ASSIGN A PRIMARY AND ALTERNATE HANDLER. THE PRIMARY HANDLER SHOULD BE AN NCO WITH AT LEAST A YEAR LEFT ON STATION.

THIS IS A COLLATERAL DUTY FOR SHOP PERSONNEL WHICH SHOULD NOT SIGNIFICANTLY DETRACT FROM THEIR CAPABILITY TO PERFORM THEIR REGULAR DUTIES.

STABILITY IS THE KEY FACTOR IN SELECTING PERSONNEL TO FILL THIS BILLET. WHENEVER POSSIBLE, HW HANDLERS SHOULD NOT COME FROM UNITS THAT ROUTINELY DEPLOY.

ENCLOSURE [1]



LTCOL CAMPBELL
S4, 3933/3467
14 May 87

POSITION PAPER

Subj: HAZARDOUS WASTE (HW) ACCUMULATION/GENERATION

Ref: (a) S4 MEMO 6240 of 7 May 87

Encl: (1) BN Comments/Recommendations
(2) Regt CEO Comments

*So CA#1
Waj
5.26.87*

1. BACKGROUND. During a recent HW inspection, all of our sites except 5/10 and Regt Engineers had major administrative violations. Since the Regiment currently has 24 HW sites registered with the MCB Environmental Office, the effort required to establish and maintain the HW program within this command is extensive. The reference proposed (See TAB 1) that the number of HW sites be reduced from 24 to 5 and that the HW program be centralized under the Regimental Hazardous Material Disposal Officer (HMDO).

2. DISCUSSION

a. The proposed organization for HW management was routed to the Commanding Officer of each battalion and separate battery. They concurred with the proposal and offered the following comments /recommendations(See Encl (1)).

(1) Comments on Lithium Batteries

1/10 was concerned about after-hours turn-in. These items are not considered HW until they are collected for disposal. Therefore, a unit could hold them until the HW Facility opened (this will require close monitoring to preclude abuse).

2/10 was concerned about storage, but this is not a problem until the batteries are used.

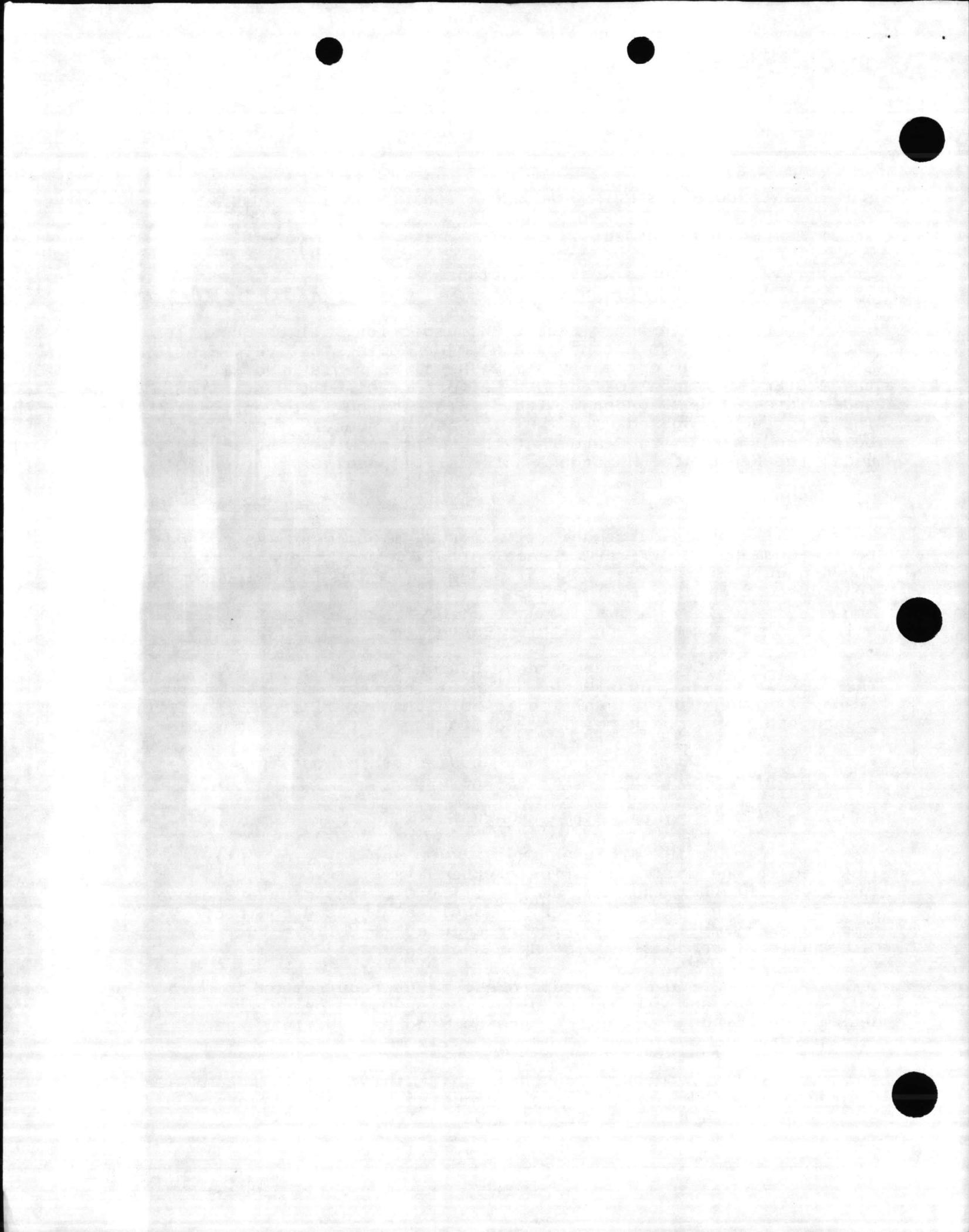
(2) Comments on the BN HMDO

1/10 felt that the BN HMDO should be directly involved in the daily operation of the HW Facility. I agree to the extent that the HMDO and Facility OIC should have a close working relationship. However, to avoid a confused chain of command and simplify inspection procedures, I believe that the OIC should be responsible for HW management.

5/10 was concerned about the requirement to have both a BN HMDO and a Facility OIC. The proposed organization does not preclude one officer from holding both billets when appropriate.

(3) Recommendation Regarding Training. 1/10 recommended that training for HW Handlers be conducted at the regimental level and that general HW training be included in BN safety

ENCLOSURE [2]



training. I concur with these recommendations.

(4) Other Issues. 2/10 also raised the following issues:

Armory Parts Baths. Whenever a parts bath is used, it is technically a HW generation site. Our armories are currently listed as HW sites for this reason. Compared to the effort required to maintain a HW program at each armory, I believe the convenience of a parts bath does not justify the cost and recommend that their routine use be discontinued.

CARC Paint. This paint and the brushes used to apply it are only a HW when they are disposed of. Since we are not authorized to spray paint with CARC, the quantity of HW generated in this fashion will be minimal.

Seperate Collection Sites. There are currently 3 sites for every HW generated at building 1775. The consolidation of these sites only presents a problem with used electrolyte. I believe we can continue to use the 3 battery rooms to collect this HW without creating 3 HW facilities.

b. The Regimental CEO also reviewed the proposed organization for HW management, and he does not concur with the proposal for a single site to collect used lithium batteries (See Encl (2)). The following is a summary of his objections:

(1) The BNs currently have the expertise to handle lithium batteries and have been consistently rated satisfactory by Division Inspectors. This expertise may atrophy with centralization. He also felt that the BN Comm Shops did not understand EPA requirements prior to the inspection and was confident that they would pass future inspections.

(2) The volume of used lithium batteries can be excessive and would overload a centralized facility. The number of used batteries generated runs from a high of 900 (1/10 last April) to a low of 30 in each BN per month.

(3) During Regimental Exercises such as Solid Shield and Ft Bragg, the entire Comm Shop goes to the field.

3. STAFF COMMENTS. In view of the CEO's position, the following courses of action (C/As) are offered for consideration:

a. C/A #1. Approve the proposed organization for HW management (TAB 1, Ref (a)).

Advantages

Reduces the number of HW sites from 24 to 5.
Centralizes our HW management program.
Reduces our vulnerability on EPA inspections.

Disadvantages

ENCLOSURE [2]



Routine use of parts baths must be discontinued at our armories.
The lithium battery facility will require personnel augmentation on a full-time basis.

b. C/A #2. Approve the proposed organization, and defer the establishment of a central collection point for lithium batteries until the CEO and HMDO can determine the personnel/ space requirements for this facility.

Advantages

Reduces the number of HW sites from 24 to 12 *IN THE NEAR TERM.*
Provides a more centralized HW program than we currently have.
Allows time to determine the requirements for a lithium battery collection point.

Disadvantages

Routine use of parts baths must be discontinued at our armories.
Increased vulnerability during our reinspection (currently listed as TBA, but other Div units are being inspected this month).

c. C/A #3. Revise the proposed organization to include 7 lithium battery facilities and task the CEO with coordinating the HW programs at these sites.

Advantages

Reduces the number of HW sites from 24 to 12.
No personnel augmentation is required.
Provides a single point of contact for management of used lithium batteries.

Disadvantages

Increases the number of personnel that require formal HW training.
Increases our vulnerability during future HW inspections.

4. RECOMMENDATION. That C/A #2 be approved.

GO'S DECISION

C/A #1:	Concur	<u>Wan</u>	Nonconcur	_____
<u>C/A #2:</u>	Concur	_____	Nonconcur	_____
C/A #3:	Concur	_____	Nonconcur	_____



6240
S-4/HW

From:
To: Commanding Officer, 10th Marines (Regt S-4/HMDO)
Subj: PERSONNEL ASSIGNED TO HW MANAGEMENT BILLETS
Ref: (a) CO, 10th Mar ltr 6240 S-4/HW of 27 May 87

1. Per instructions contained in the reference, the following list of HW management personnel assigned to this unit is hereby provided:

a. For TABtry, 1/10, 2/10, and 3/10 only

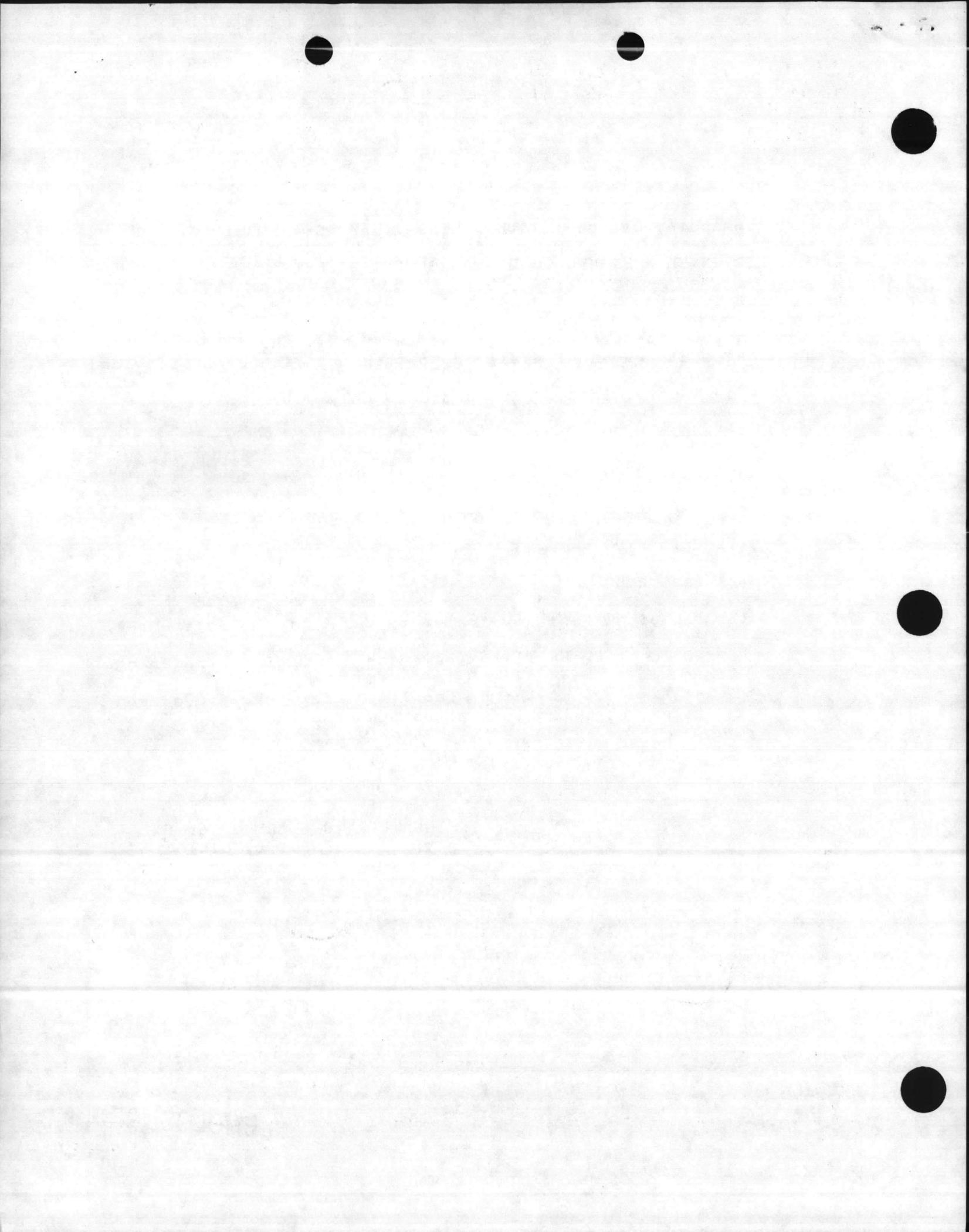
- (1) Unit HMDO
- (2) Unit Asst HMDO

b. For HQBtry, 4/10, and 5/10 only

- (1) Unit HMDO
- (2) Asst HMDO
- (3) OIC of HW Facility (refer to par.3 of the reference)
- (4) NCOIC of HW Facility (refer to par.3 of the reference)
- (5) HW Handlers at the HW Facility (list specific commodities, e.g. lithium, petroleum products, ect.)

SIGNATURE (S-4, HMDO, or HW
Facility OIC)

ENCLOSURE [3]





UNITED STATES MARINE CORPS
10th Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542-5515

NREAD

IN REPLY REFER TO
6240
S-4/HW
26 May 87

From: Commanding Officer, 10th Marines
To: Distribution list

Subj: REGT HW PROGRAM NOTICE 2-87: STANDARD FORMS USED IN SUPPORT
OF HAZARDOUS WASTE MANAGEMENT PROGRAM

Ref: (a) BO 6240.5A

Encl: (1) Copy of Weekly Inspection Form for Hazardous Waste
Handling and Storage Areas
(2) Copy of Weekly Identification Document (WID)
(3) Folder Format: Hazardous Waste Training Record
(4) Copy of Record Form for Hazardous Waste Training
(5) Copy of DD Form 1348-1 Turn-in Disposal Document
(6) Copy of PP & P Work Request Form
(7) Copy of Hazardous Waste Certification Label
(8) Copy of Miscellaneous Warning Labels
(9) Format for Hazardous Waste Spill Contingency Plan

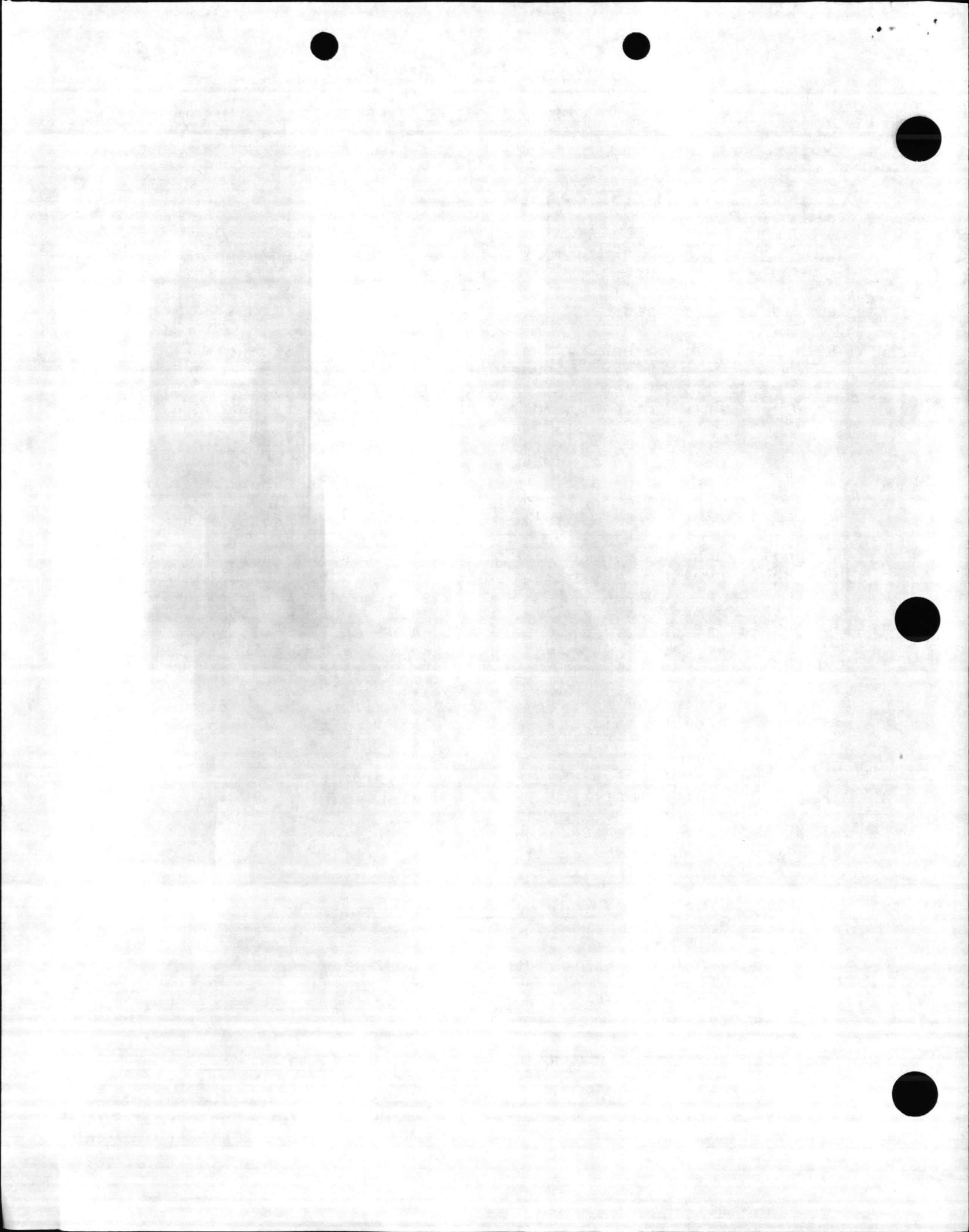
1. Until such a time when a Regimental Hazardous Waste SOP order is published, periodic notices of this type will be published to provide information and guidance for assisting each unit in development of a viable hazardous waste management program. Copies of these notices shall be maintained in appropriate turnover files. Missing or additional copies may be obtained by contacting the Regimental HMDO, Capt HIGGINS (ext. 3467/3933).

2. Per guidance and requirements stipulated in the reference, the enclosures are provided as an initial step in the administrative development of our unit's hazardous waste handling program.

a. WEEKLY INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS (enclosure (1)). This is the standard form used by HW site OICs when conducting their weekly inspections. The original is maintained on file at the storage site and one copy is forwarded to the Regimental HMDO. Each OIC shall maintain an inspection logbook which corresponds with the Weekly Inspection Form file.

b. WASTE IDENTIFICATION DOCUMENT (WID) (enclosure (2)). The WID is initiated for each type of hazardous waste generated and/or handled by the unit. This form is completed by the OIC with copies forwarded to DRMO and NREAD via the Regimental S-4 and Division G-4 (FacO). Instructions for completing the WID are contained in the reference. Further guidance will be provided in an upcoming REGT HW PROGRAM NOTICE.

c. FOLDER FORMAT: HAZARDOUS WASTE TRAINING RECORD (enclosure (3)). The reference directs that all HMDO's, HMDCs, assistants, handlers, and any personnel connected with hazardous waste management receive formal training which is documented (see enclosure (4)) and posted in individual training record files. HW billet appointment



letters are maintained on the left side and training records on the right side of the folders.

d. RECORD FORM FOR HAZARDOUS WASTE TRAINING DOCUMENT (enclosure (4)). This is the form in which the instructor certifies that personnel received formal training in specific areas of hazardous waste management. The form is filed on the right side of the training record folder.

e. DD FORM 1348-1 TURN-IN DISPOSAL DOCUMENT (enclosure (5)). The Supply Section uses this form to turn-in hazardous waste items DRMO. Receipt copies with a DRMO representatives signature on them are retained on file at each hazardous waste site.

f. PP & P WORK REQUEST FORM (enclosure (6)). This form is used when dry storage hazardous waste (i.e. lithium batteries) needs to be "boxed" in special containers prior to turn-in to DRMO. The original of this form is forwarded to 2d Supply Bn, PP & P at Bldg 915, and a copy is maintained on file at the hazardous waste site.

g. HAZARDOUS WASTE CERTIFICATION LABEL (enclosure (7)). This self-adhesive label is placed on containers the first time hazardous waste is deposited in them. The label must be filed in with as much information as possible. A DD form 1348-1 document must be completed for turn in of containers with hazardous waste no later than 45 days after the "accumulation start date" listed on the HW label.

h. MISCELLANEOUS WARNING LABELS (enclosure (8)). A warning label, identifying the hazard associated with a specific waste, is placed on the container at the time when the HW certification label is affixed (i.e. "flammable solid" on lithium battery containers, "corrosive" on electrolyte containers, etc.).

i. HAZARDOUS WASTE SPILL CONTINGENCY PLAN (enclosure (9)). This document outlines specific procedures and responsibilities for dealing with hazardous material/waste spills and related emergencies. Copies of this document must be physically posted at each hazardous waste site and maintained in turnover files of all hazardous waste management personnel.

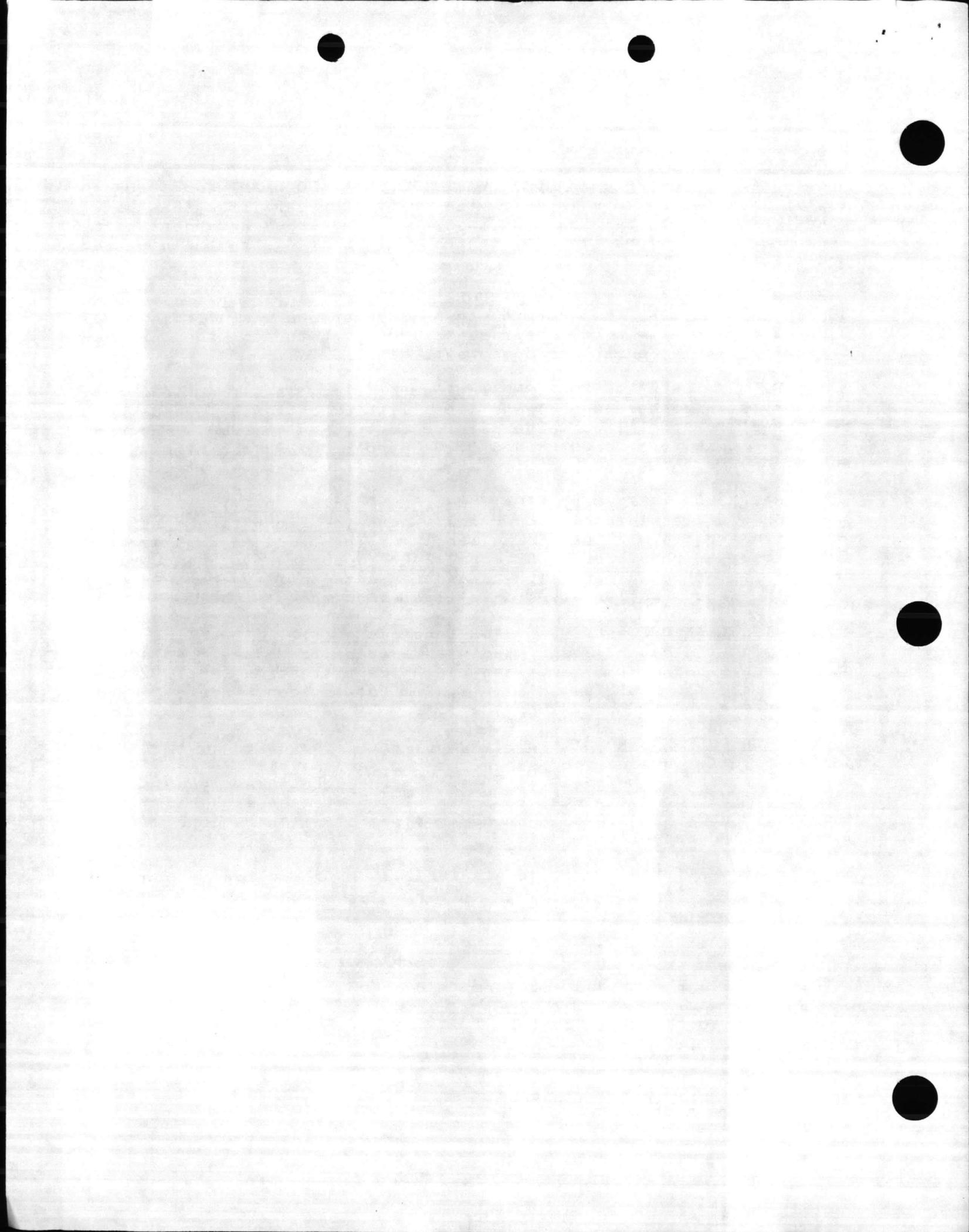
3. The above-listed forms are available from the following sources:

a. SELF-SERVICE

- (1) DD FORM 1348-1
- (2) PP & P Work Request Form (MCBCL 4030)
- (3) Misc. Warning Labels

b. REGT S-4 (HMDO)

- (1) Weekly Inspection Form
- (2) WID

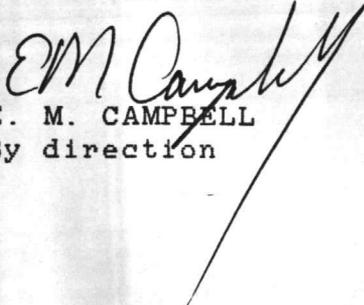


(3) HW Training Record Form

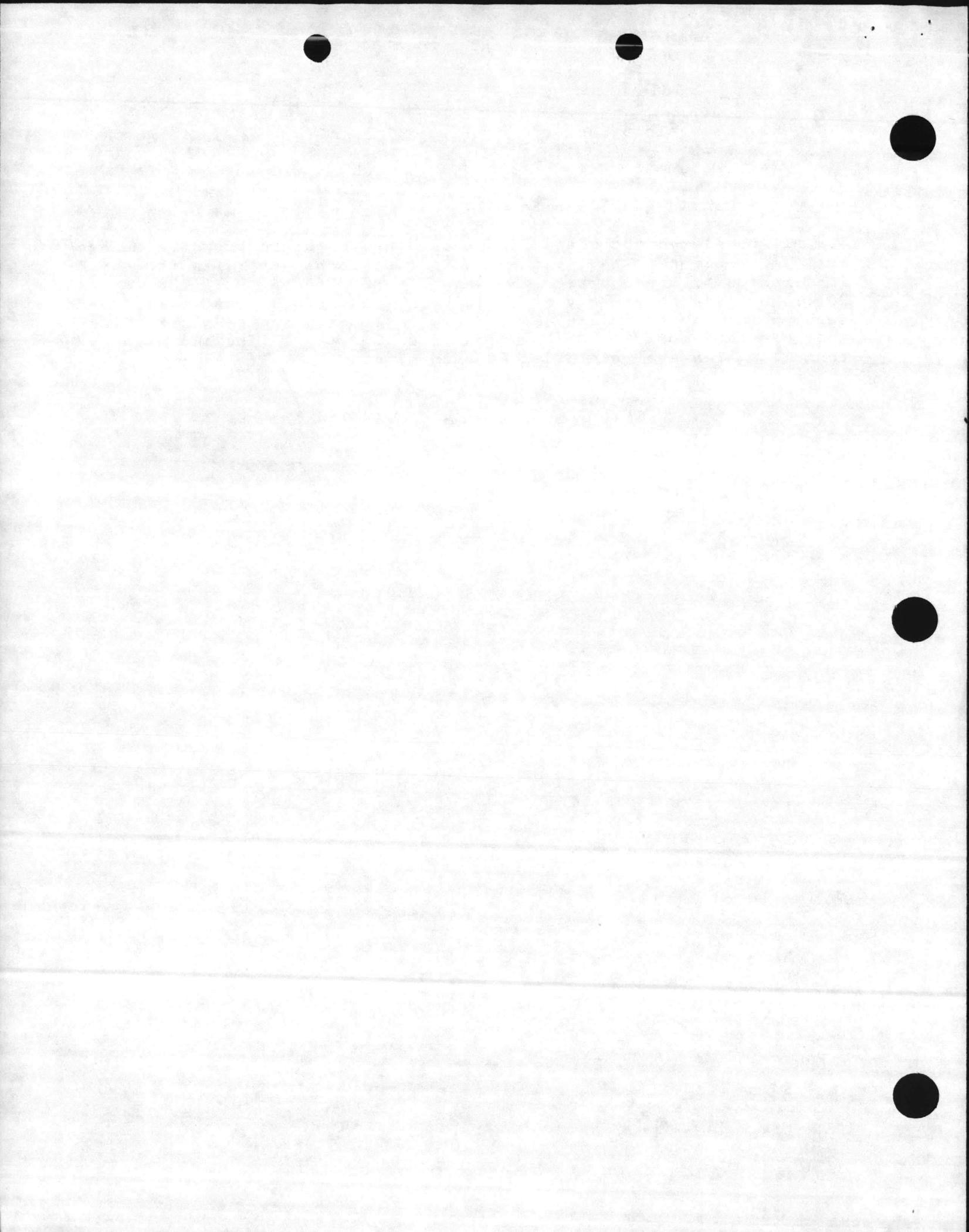
(4) HW Certification Label

(5) Contingency Plan Format

4. All completed documentation pertaining to hazardous waste management is required to be retained on file at each waste site for a minimal period of three years. Ensure that BO 6240.5A, BO 11090.1B, and BO 11090.3 are thoroughly reviewed by all hazardous waste management personnel prior to full-scale program implementation. HW site OICs and, when appropriate, Bn HMDOs shall ensure that files and blank form libraries are maintained at each site.


E. M. CAMPBELL
By direction

Distribution:
Bn HMDOs
Regt CommO
Regt MTO
Regt EngrO



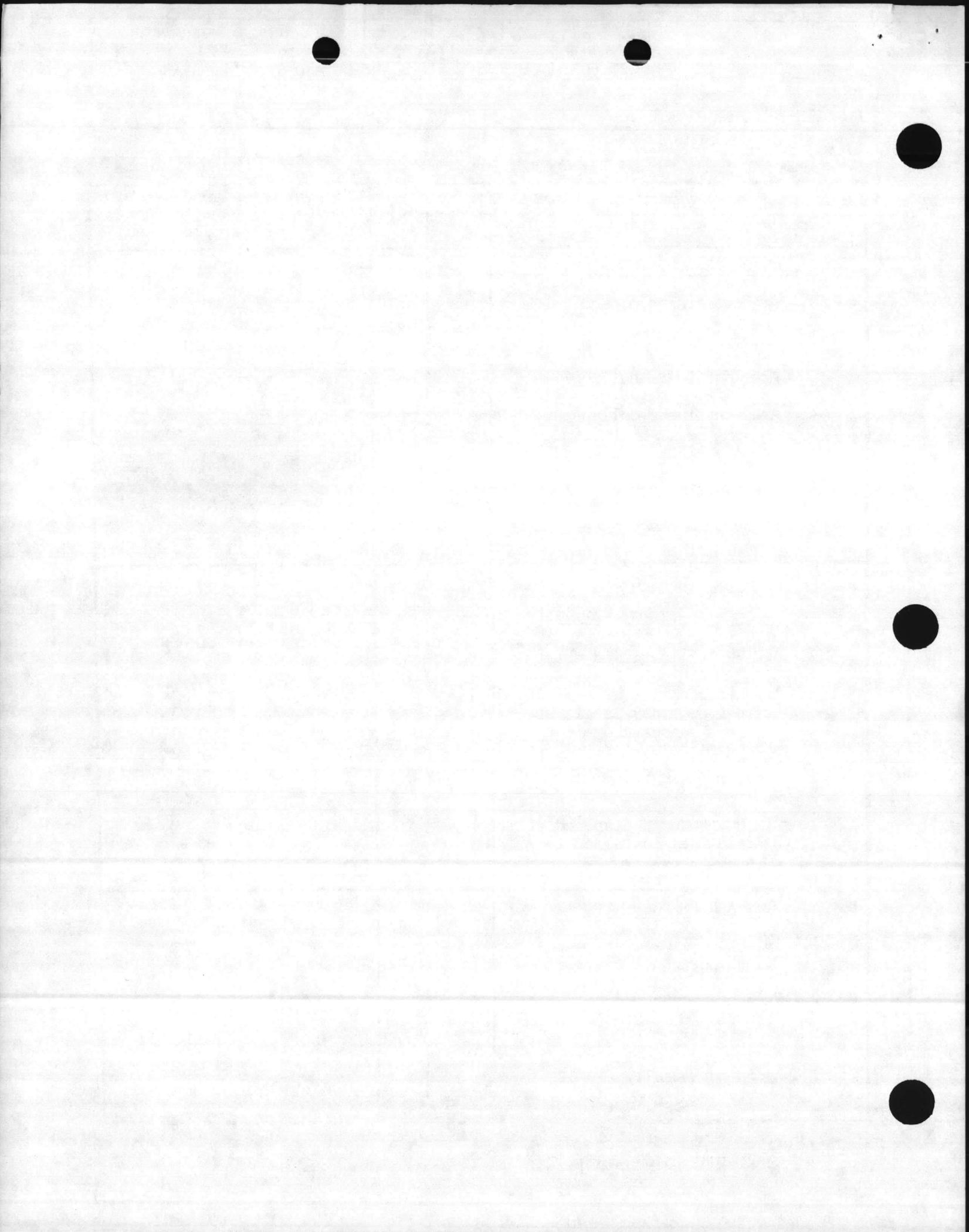
WEEKLY INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

HW SITE (BLDG NR & NAME): _____ UNIT: _____ DATE: _____

TYPE(S) OF HW PRODUCTS INSPECTED: _____

AREA OF CONCERN	Y	N	CORRECTIVE ACTION NEEDED (use back of page to log appropriate action taken)
<p>A. <u>CONDITION OF CONTAINERS</u></p> <ol style="list-style-type: none"> 1. Are containers closed? 2. Are containers leaking? 3. Are containers bulging? 4. Are containers collapsed? 5. Are containers corroded? 6. Are containers overfilled? 7. Other problems present? (cite) 			
<p>B. <u>LABELING AND MARKING</u></p> <ol style="list-style-type: none"> 1. Are HW labels in place? 2. Are HW labels filled out? 3. Are hazards (i.e. flammable, corrosive, etc.) labels or markings adequate? 			
<p>C. <u>DISPOSAL DEADLINES</u></p> <ol style="list-style-type: none"> 1. Are HW products disposed of by deadlines contained in BO 6240.5_? 			
<p>D. <u>SECURITY AND EMERGENCIES</u></p> <ol style="list-style-type: none"> 1. Is access limited to authorized personnel only? 2. Is emergency response information posted? 3. Are emerg. supplies and equipment readily available? 			

HMDO INSPECTOR'S SIGNATURE: _____



WASTE IDENTIFICATION DOCUMENT (WID)

DATE _____

WID # _____

1. GENERATING WORK CENTER INFORMATION

Shop	Contact	Command	Bldg	Phone ext.

2. WASTE IDENTIFICATION

a. WASTE NAME: Common _____ Chemical(s) _____

b. PHYSICAL FORM: (CHECK) ___Liquid___Solid___Sludge___Other (Specify)

c. MANUFACTURER: _____ d. NSN: _____

e. CONTAINER: (TYPE AND SIZE) _____

f. GENERATION RATE: (e.g., gal/day, lbs/day) _____

g. FREQUENCY OF GENERATION _____

h. EXPECTED ANNUAL GENERATION: (gals, lbs) _____

i. DESCRIBE WASTE GENERATION PROCESS: _____

j. HAS WASTE BEEN MIXED WITH ANY OTHER MATERIAL? ___Yes ___No If yes, specify _____

3. REASON FOR DISPOSAL: (CHECK)

___ Exceeded shelf life ___ Served intended purpose ___ Unused

Other (specify) _____

4. REQUEST FOR WASTE CHARACTERIZATION BY NREAD: I am unable to properly classify the above waste. NREAD assistance is requested. Cost of Laboratory Analysis should be charged to the following Cost Account Code.

CAC	HMDO Signature	Date

5. CERTIFICATION: I certify that the above named materials are the only compounds in the waste containers listed above and have not been mixed with any other materials.

HMDO Signature Date

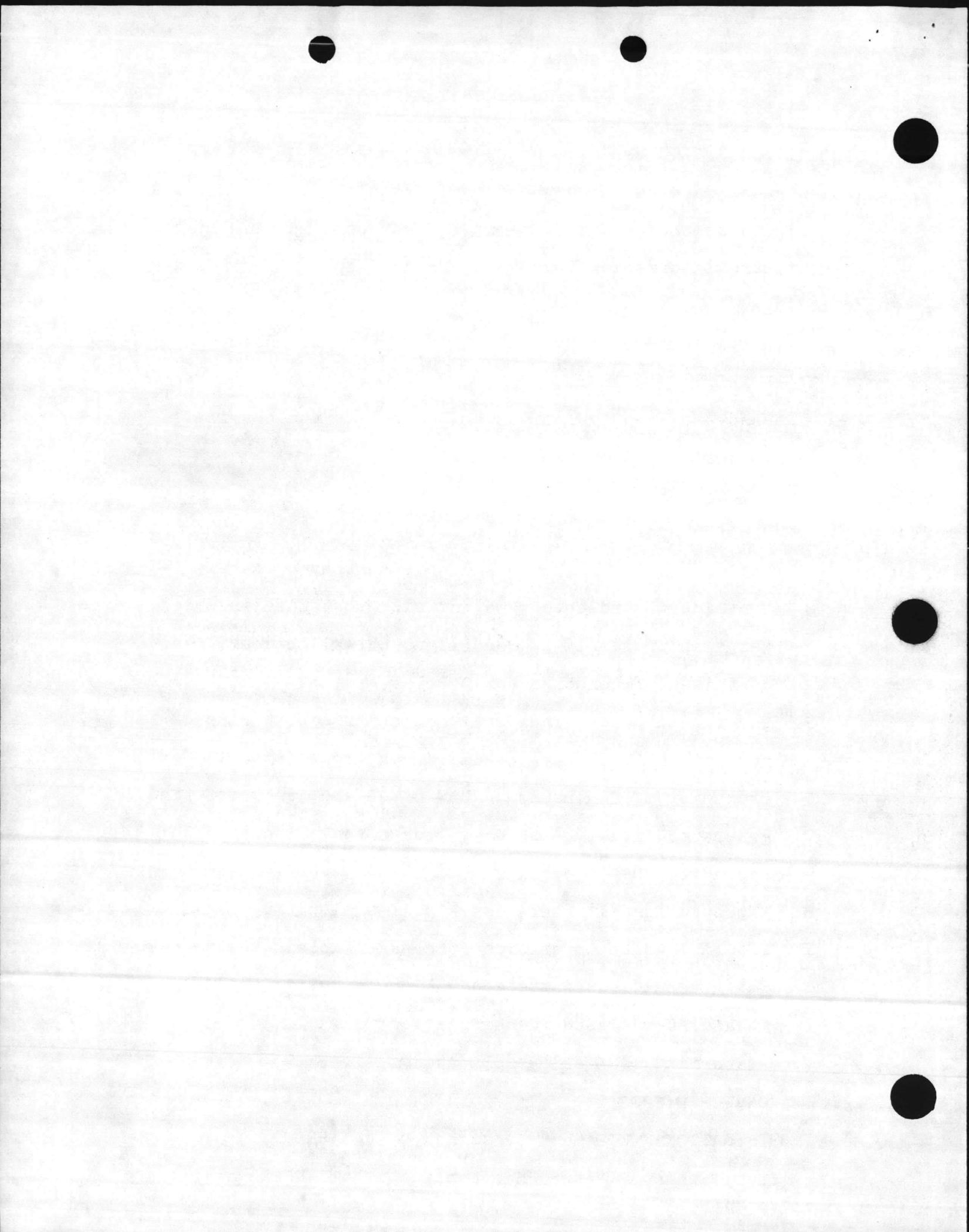


INSTRUCTIONS FOR HMDO'S

GENERAL INSTRUCTIONS

Indicate the date on which the form is completed. The WID # will be assigned by the HMDO's. Items 1-4 must be completed by the HMDO. Where information is unknown or not applicable indicate accordingly.

1. GENERATING WORK CENTER INFORMATION: self-explanatory
2. WASTE IDENTIFICATION:
 - A. Waste Name - Give common or brand name and chemical composition if known
 - B. Physical Form - self-explanatory
 - C. Manufacturer - As shown on label
 - D. National Stock Number - self-explanatory
 - E. Container - Indicate type and size container in which waste is presently stored (i.e., 55-gallon drum, plastic container, fiberboard box)
 - F. Generation Rate - Indicate the most frequent rate of generation (quantity per day, week, month, year)
 - G. Frequency of Generation - How often and length of time generated (i.e., 8 hrs/day, 7 days/week; 1 day/month; sporadic; one time only)
 - H. Expected Annual Generation - self-explanatory
 - I. Describe Waste Generation Process - Explain the process which results in waste generation in sufficient detail to assist in waste identification
 - J. Waste Mixture - self-explanatory
3. REASON FOR DISPOSAL: self-explanatory
4. CERTIFICATION: WID must be signed by the HMDO
5. Self explanatory; Enter "Not Applicable" if NREAD assistance not required



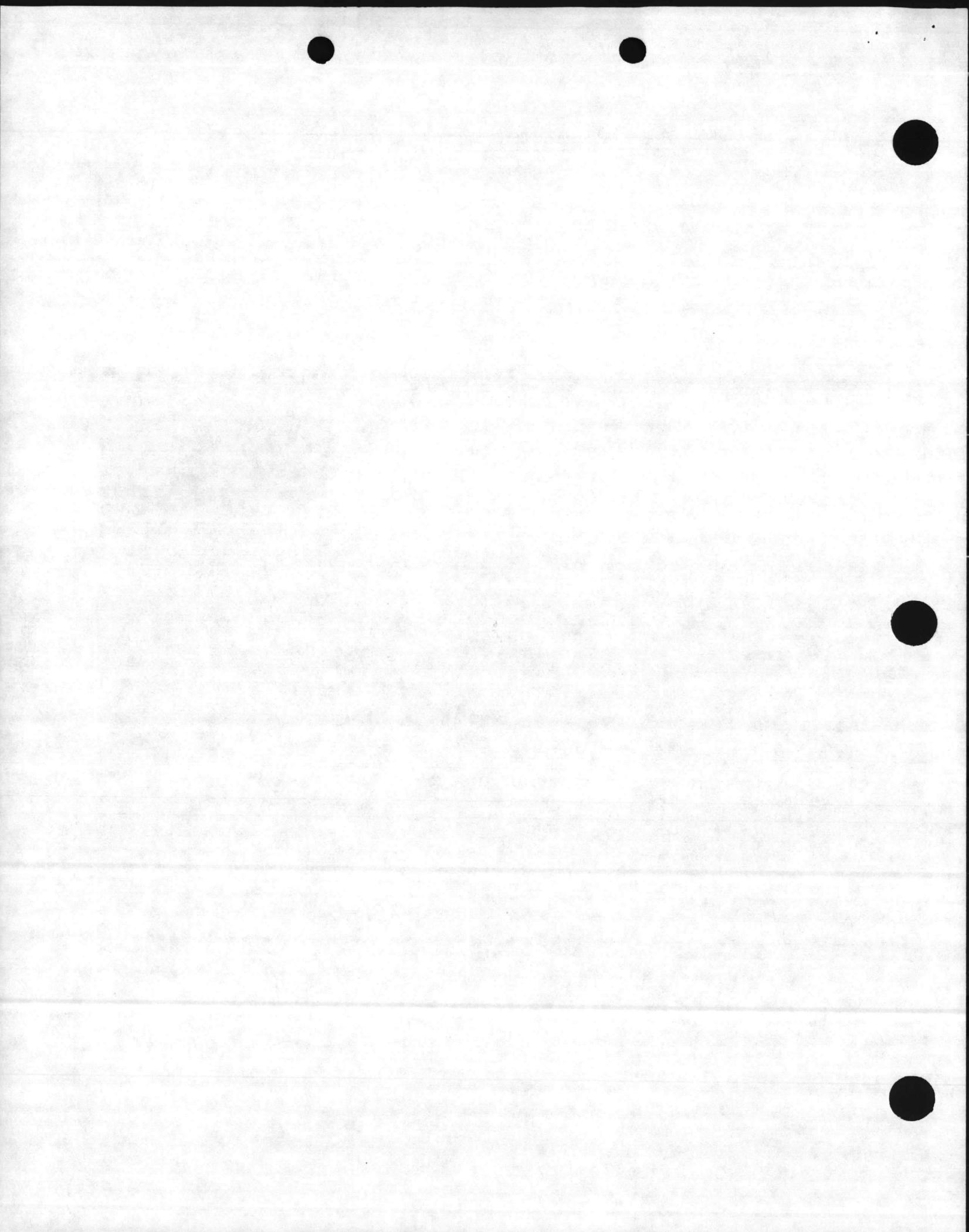
FOLDER FORMAT: HAZARDOUS WASTE TRAINING RECORD
(external)

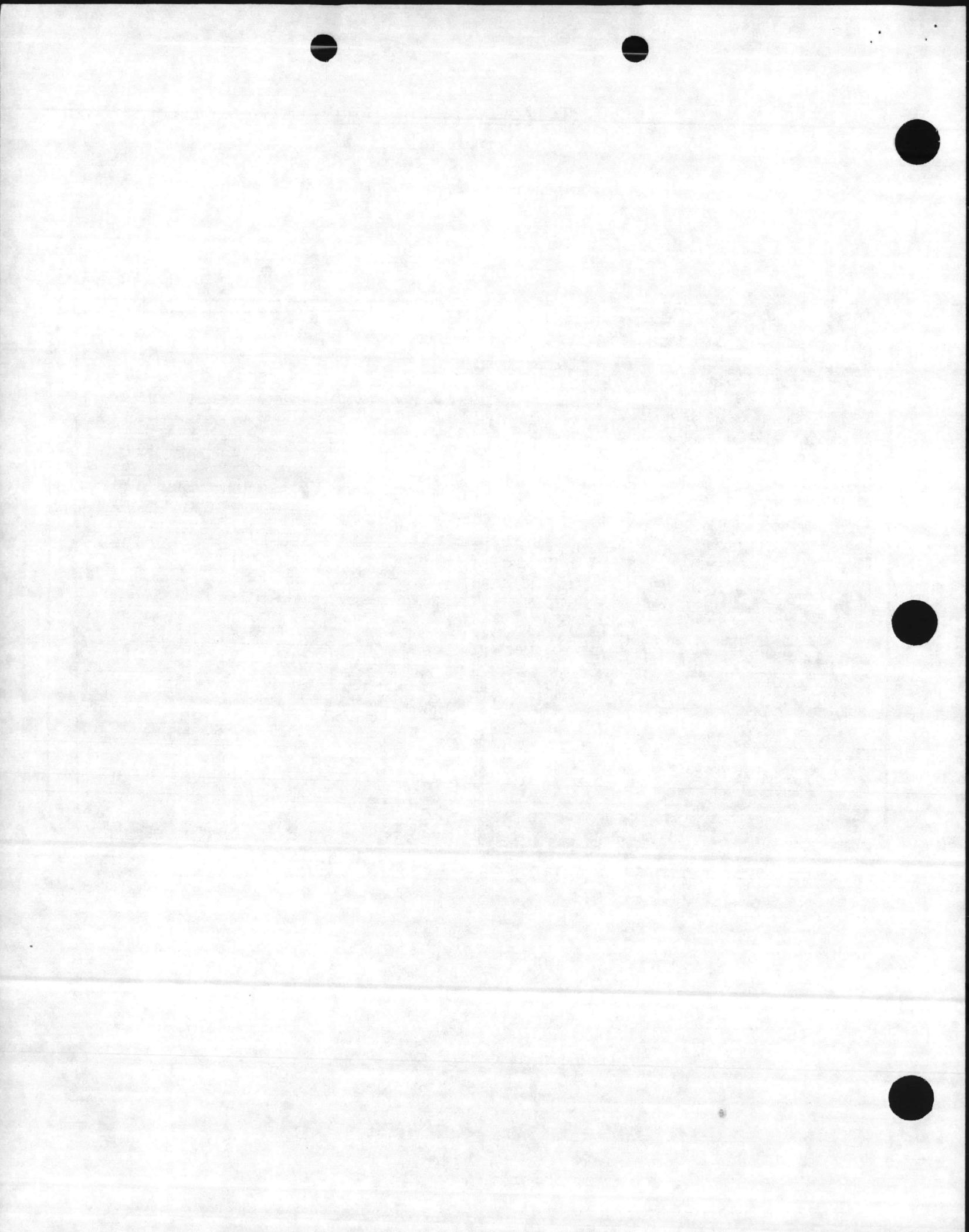
NAME: _____ UNIT: _____

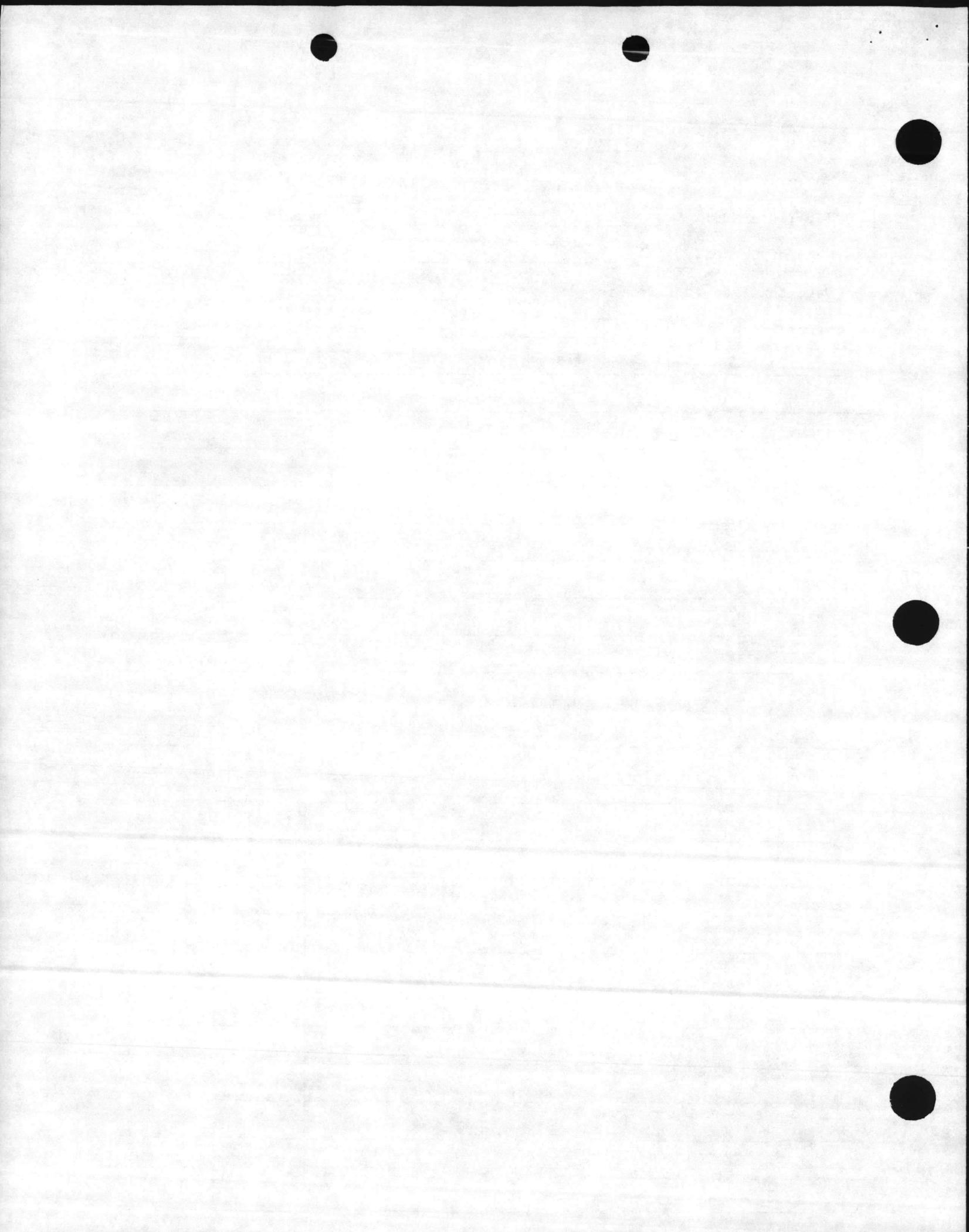
HW JOB TITLE: _____

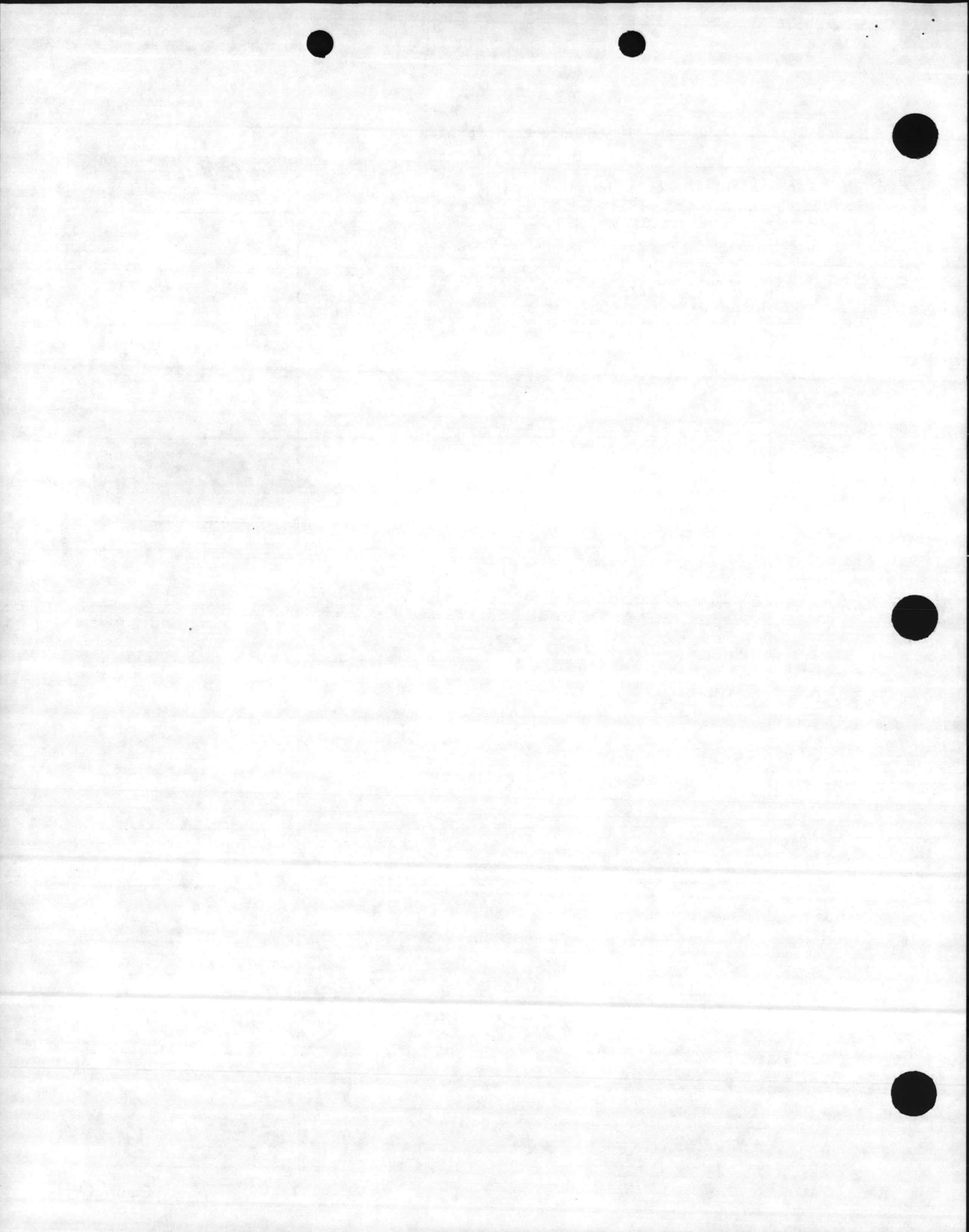
EAS/RDD: _____
(day) (mo) (yr)

HAZARDOUS WASTE TRAINING RECORD









DD FORM 1348-1 TURN-IN DISPOSAL DOCUMENT (DRMO)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
DOC. IDENT.	RI FROM	M & S	STOCK NUMBER										ADD	UNIT OF ISSUE	QUANTITY	DOCUMENT NUMBER			SUPPLEMENTARY ADDRESS		SIGNAL	FUND	DISTRIBUTION	PROJECT	PRIORITY	REQ'D DEL DATE	ADVICE	RI	UNIT PRICE																																																		
SERV	REQUISITIONER		DATE		SERIAL		SUPER SERV	ADDRESS	SIGNAL	FUND	DISTRIBUTION	PROJECT	PRIORITY	REQ'D DEL DATE	ADVICE	RI	UNIT PRICE																																																														
DOLLARS	CTS.																																																																														
SHIPPED FROM	SHIP TO	MARK FOR	PROJECT	TOTAL PRICE																																																																											
DOLLARS	CTS.																																																																														
WAREHOUSE LOCATION	TYPE OF CARGO	UNIT PACK	UNIT WEIGHT	UNIT CUBE	UFC	NMFC	FREIGHT RATE	DOCUMENT DATE	MAT. COND.	QUANTITY																																																																					
F	G	H	I	J	K	L	M	N	O	P	Q	R	S																																																																		
SUBSTITUTE DATA (ITEM ORIGINALLY REQUEST'D)	FREIGHT CLASSIFICATION NOMENCLATURE																																																																														
T	U	V																																																																													
ITEM NOMENCLATURE	Y																																																																														
W	X	Y																																																																													
SELECTED BY AND DATE	TYPE OF CONTAINER(S)	TOTAL WEIGHT	RECEIVED BY AND DATE	INSPECTED BY AND DATE																																																																											
1	2	3	7	8																																																																											
PACKED BY AND DATE	NO. OF CONTAINER(S)	TOTAL CUBE	WAREHOUSED BY AND DATE	WAREHOUSE LOCATION																																																																											
5	6	9	10																																																																												
REMARKS:	AA	BB	CC	DD	EE																																																																										
FIRST DESTINATION ADDRESS	DATE SHIPPED	FF	GG																																																																												
11	12	FF	GG																																																																												
13 TRANSPORTATION CHARGEABLE TO	14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)	15 RECEIVER'S DOCUMENT NUMBER																																																																													

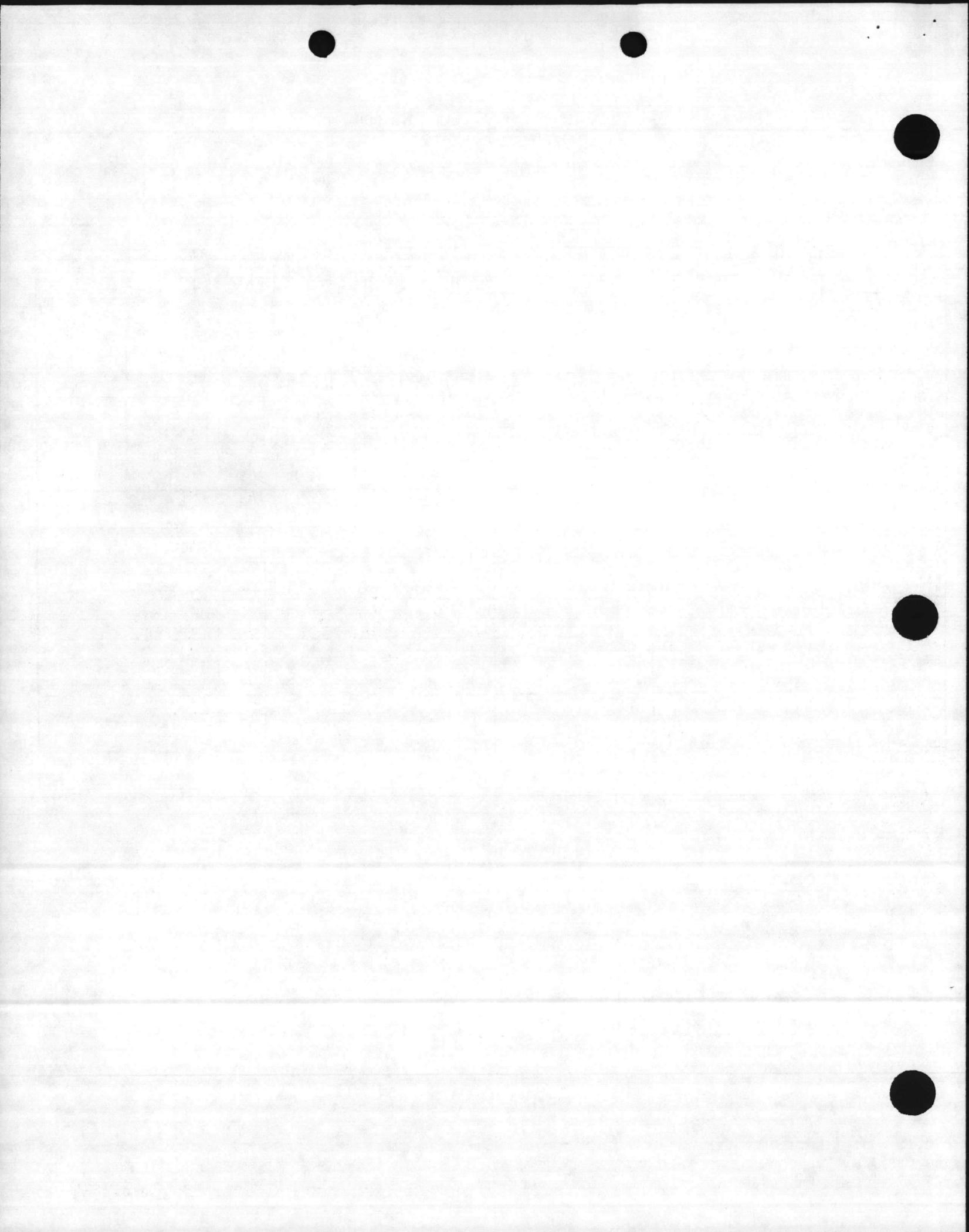
DD FORM 1348-1 1 MAR 74
S/N 0102-LF-013-1040

EDITION OF 1 JAN 64 MAY BE USED
UNTIL EXHAUSTED

DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

1

ENCL (5)



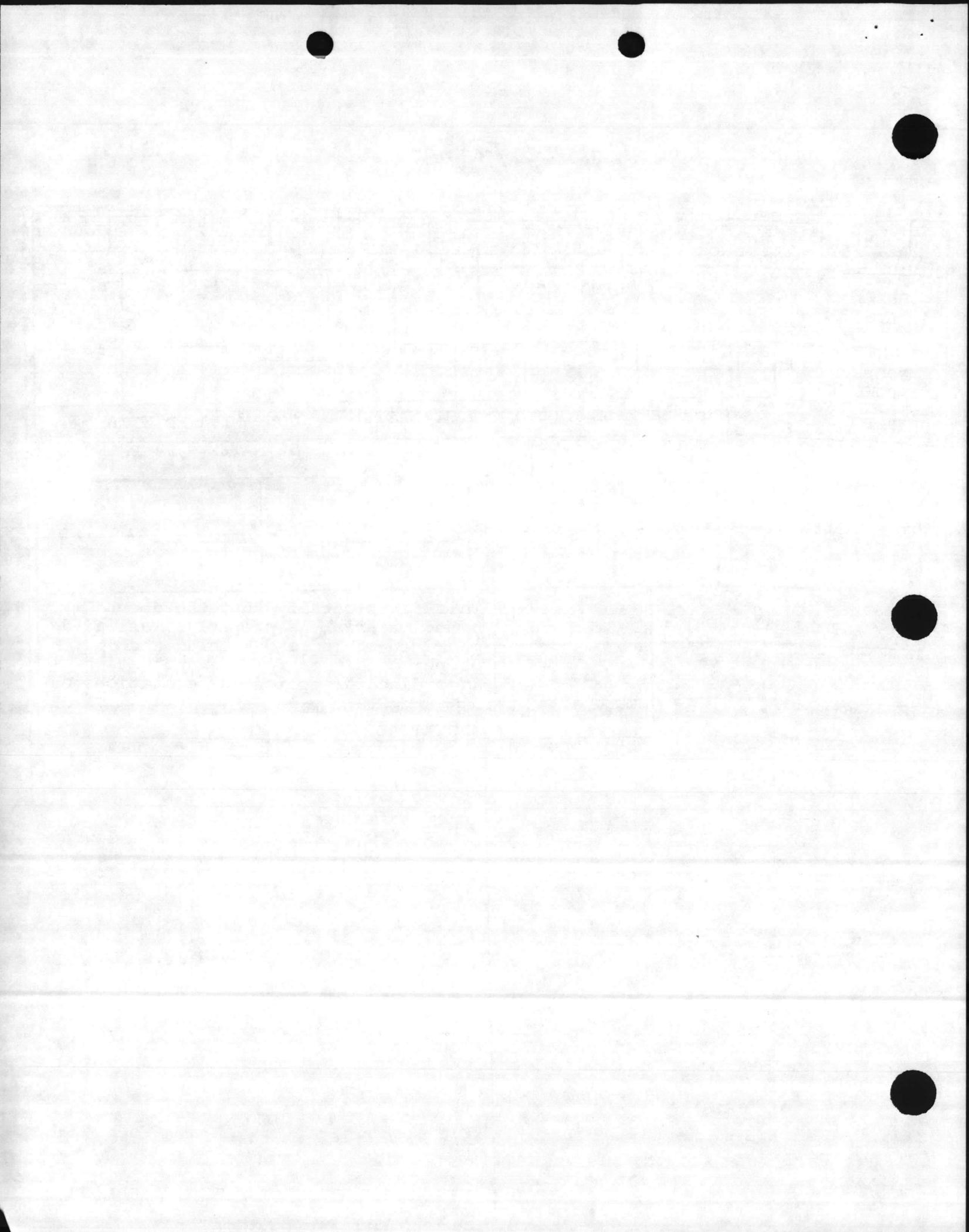
SAMPLE FORMAT

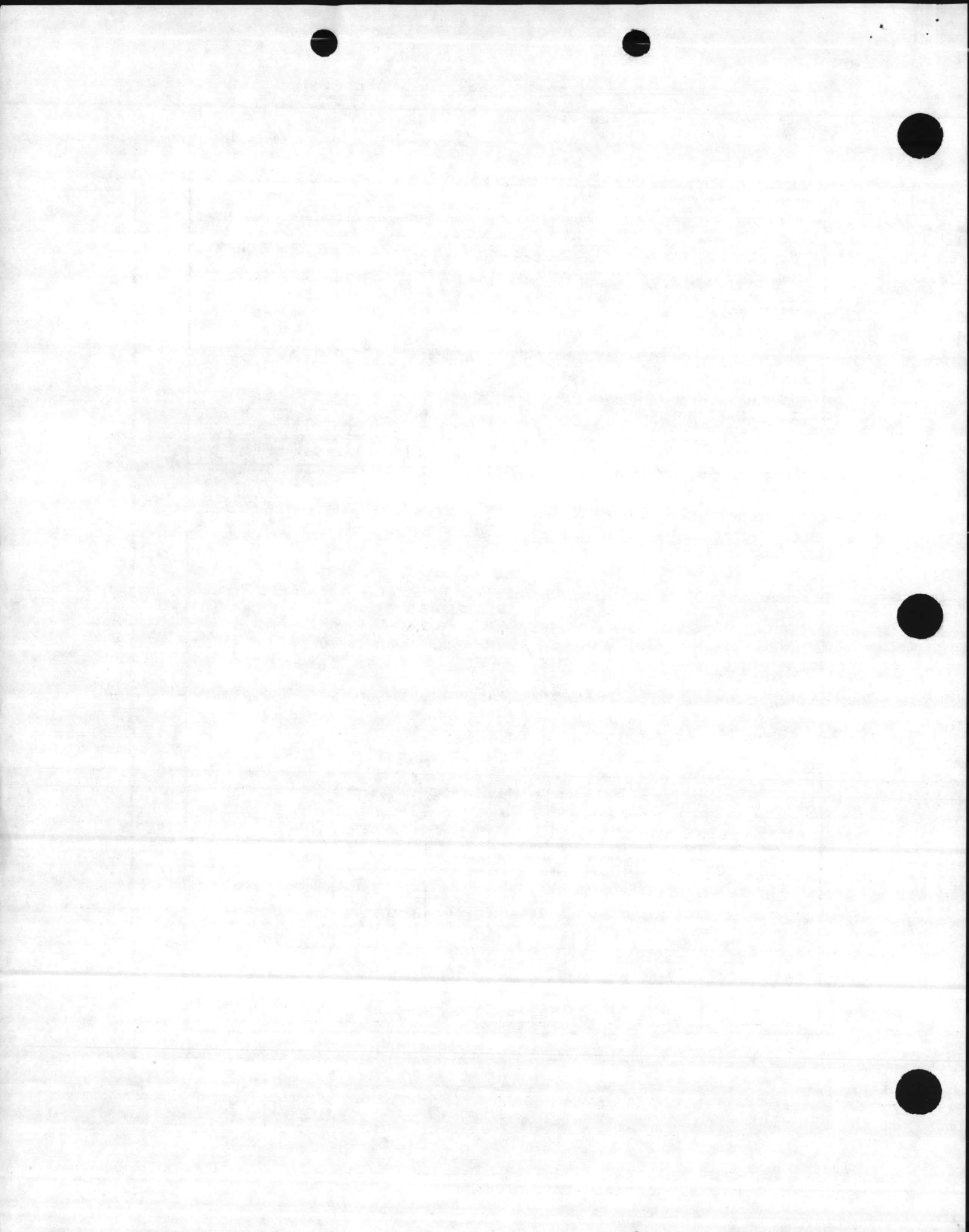
DOC FROM		STOCK NUMBER			QUANTITY		DOCUMENT NUMBER			SUPPLEMENTARY ADDRESS		DISTRIBUTION		PROJECT		REC'D DEL DATE		UNIT PRICE	
RI	MI	FSC	NUM	ADD	UNIT	REQ	DATE	SERIAL	SUP	SERV	IGNA	FUND	PROJ	PRJ	ORIT	ADVCT	RI	DOLLARS	CTS
SHIPPED FROM					SHIP TO					MARK FOR		PROJECT		NA		H		TOTAL PRICE	
UNIT: LDG NO:					DRMO, MCB CAMP LEJEUNE, N.C.					HW OR HM								DOLLARS CTS	
WAREHOUSE LOCATION		TYPE OF CARGO	UNIT PACK	UNIT WEIGHT	UNIT CUBE	UFC	MMFC	FREIGHT RATE		DOCUMENT DATE	MAT. COND.	QUANTITY							
POC: PHONE NO:		G	H	I	J	K	L	M	N	O	P	Q	R	S					
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)					FREIGHT CLASSIFICATION NOMENCLATURE														
SHIPPING NAME:					COMBUSTIBLE LIQUID N.O.S. (WASTE)										CONTAMINATED WITH				
HAZARD CLASS:					COMBUSTIBLE LIQUID										5% WATER -, 5% PAINT				
W.D. NO:					NA1993 (DRY CLEANING SOLVENT)														
SELECTED BY AND DATE		TYPE OF CONTAINER(S)		TOTAL WEIGHT		RECEIVED BY AND DATE		INSPECTED BY AND DATE											
WASTE NO: D001		2 DRUM		550 lbs.		7		8											
LABELS REQUIRED:		NO. OF CONTAINERS		TOTAL CUBE		WAREHOUSED BY AND DATE		WAREHOUSE LOCATION											
PACKED BY AND DATE		1		6		9		10											
ACCUMULATION START DATE:					This is to certify that the above named material is properly classified, packaged, marked and labeled and in proper condition for transportation according to applicable regulations of					DO NOT SIGN									
FIRST DESTINATION ADDRESS					DATE SHIPPED					SIGNATURE									
11					12					13 RECEIVER'S DOCUMENT NUMBER									
13 TRANSPORTATION CHARGEABLE TO					14 BILLING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)					15									

DD FORM 1348-1 MC 14MAR74
SN: 0102-4F-013-1090 U/LSF

EDITION OF 1 JAN 64 MAY BE USED
UNTIL EXHAUSTED

DDO SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT
PRIORITY 3 SHIPMENTS





PACKAGING AND PRESERVATION WORK REQUEST

SAMPLE FORMAT

PRESERVATION, PACKAGING AND PACKING BRANCH, MOWASP DIV., EMATB, HCB, CLNC

FROM (UNIT) *	DATE *	UNIT PRIORITY DESIGNATOR *
PERSON FAMILIAR WITH WORK REQUESTED *	PHONE *	BLDG NO. *

FOLLOWING WORK IS REQUESTED

* Package and certify (depleted-defective) BA (5590, 5598,) (lithium-mercury.),
used-etc. 1546, etc. nickel-cadmium-etc.
celled batteries for turn in to DRMO per attached 1348-1. ((amount of batteries) batteries)
2d Mar Div Hazardous Waste Coordinator.

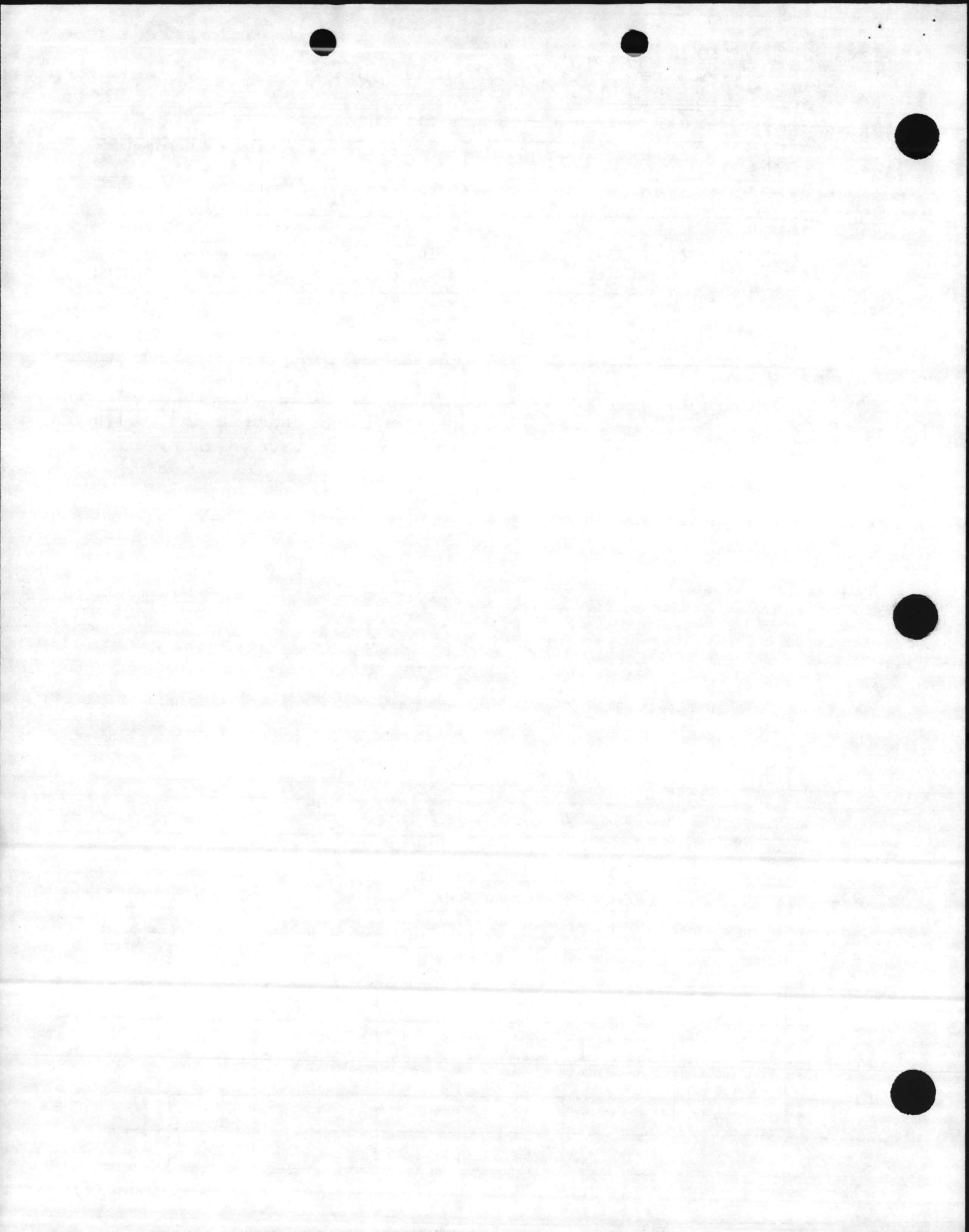
TYPE WORK REQUESTED (X)			(-)PACK <input checked="" type="checkbox"/>			LEVEL <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C		
CONSTRUCT			PAINT AND MARK <input checked="" type="checkbox"/>			TACTICAL MARK <input type="checkbox"/> YES <input type="checkbox"/> NO		

DETAILS (LIST INSIDE DIMENSIONS IF CONSTRUCTION IS DESIRED; COLOR OF PAINT, PATTERN AND NUMBER OF TACTICAL MARK, ANY SPECIAL INSTRUCTIONS)

Interior dimensions of box or boxes required.
Lenght by width by height

DEAD LINE DELIVERY DATE *	WR NO.	SIGNATURE *
Spaces On and Below This Line For P&P Use Only		P&P CONTROL NO.

WORK MEASUREMENT INFO PROJ 12			WORK MEASUREMENT INFO PROJ 11 & 94 TOTALS (LESS PROJ 12)			
NO. OF ITEMS	TONS	NO. OF PKGS	CUBE	WEIGHT	VEHICLES	BOXES BUILT



HAZARDOUS WASTE CERTIFICATION LABEL

HAZARDOUS WASTE

FEDERAL LAW PROHIBITS IMPROPER DISPOSAL

IF FOUND, CONTACT THE NEAREST POLICE, OR
PUBLIC SAFETY AUTHORITY, OR THE
U.S. ENVIRONMENTAL PROTECTION AGENCY

PROPER D.O.T.
SHIPPING NAME _____ UN OR NA# _____

GENERATOR INFORMATION:

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

EPA ID NO. _____ EPA WASTE NO. _____

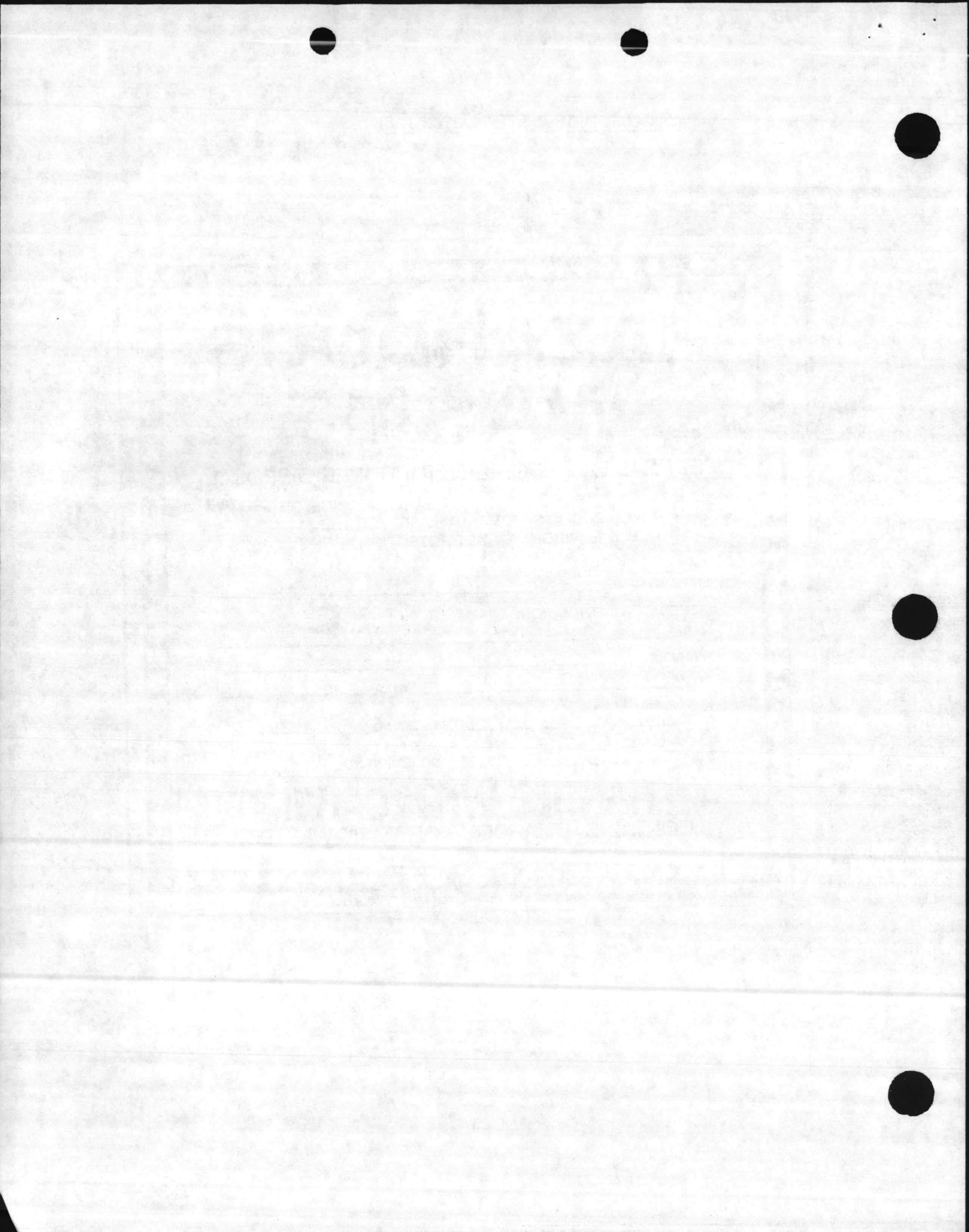
ACCUMULATION START DATE _____ MANIFEST DOCUMENT NO. _____

HANDLE WITH CARE!
CONTAINS HAZARDOUS OR TOXIC WASTES

STYLE WM-6

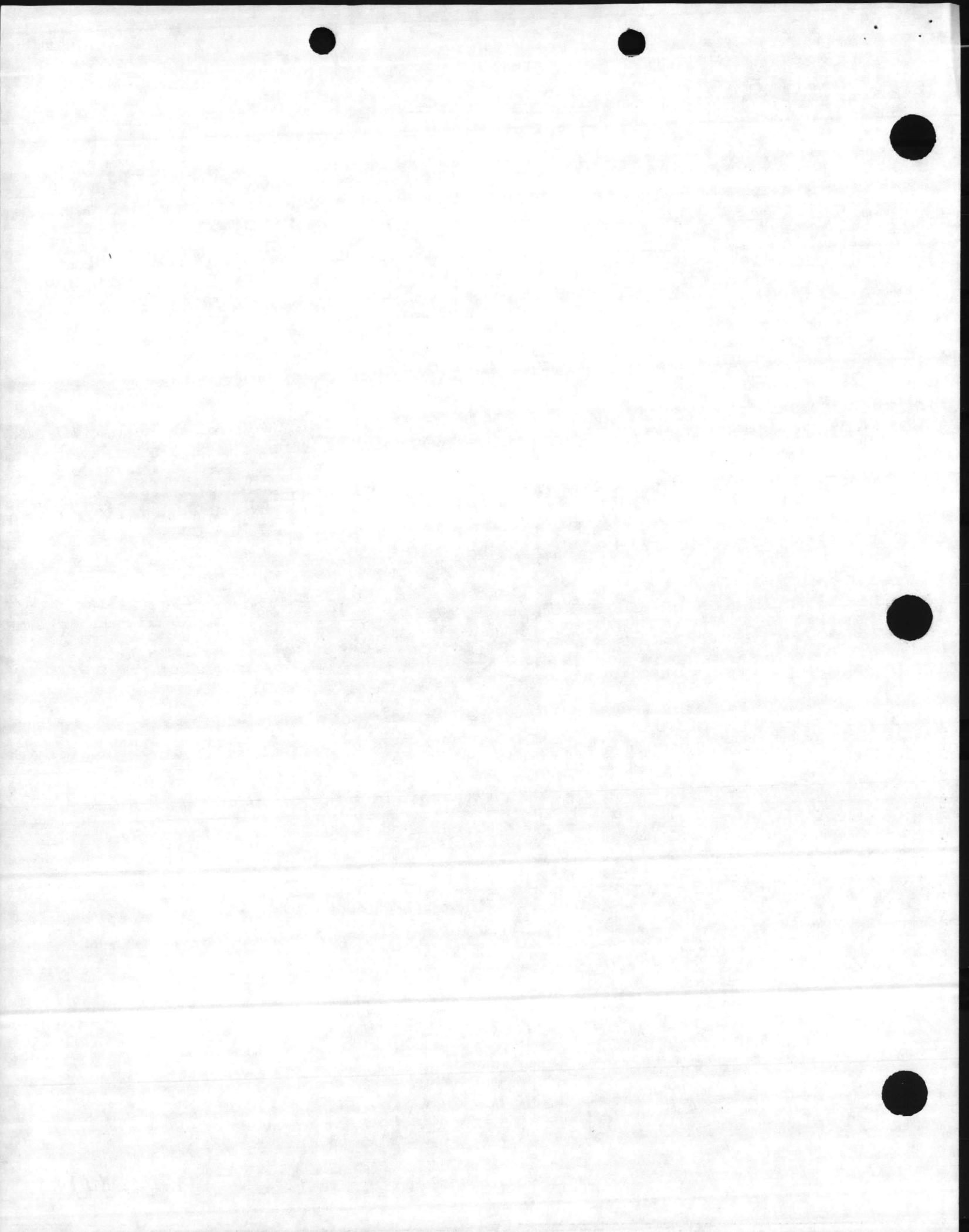
Printed by LABELMASTER, Div. of AMERICAN LABELMARK CO., INC., CHICAGO, IL 60648

ENCL (7)



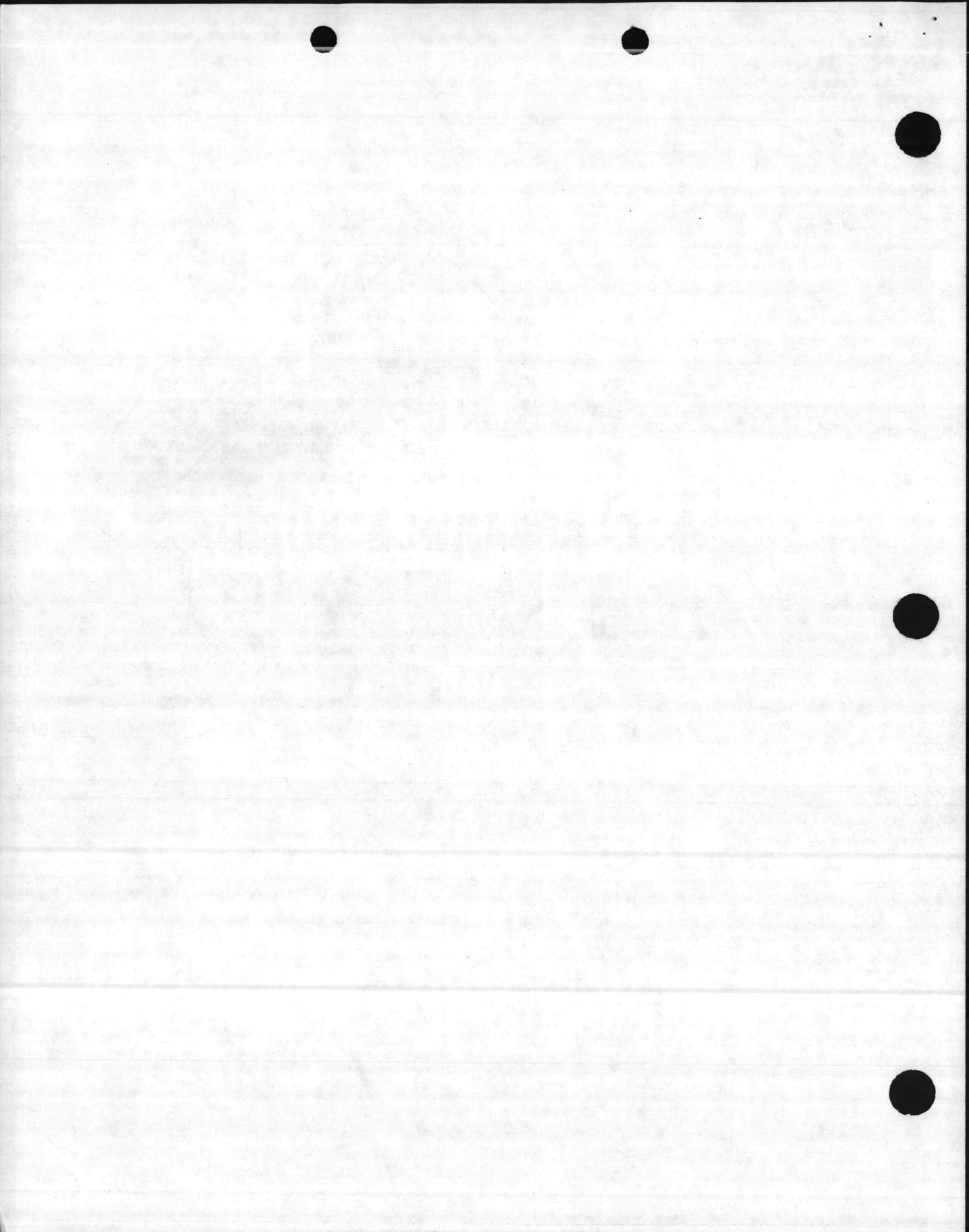
MISC. WARNING LABELS





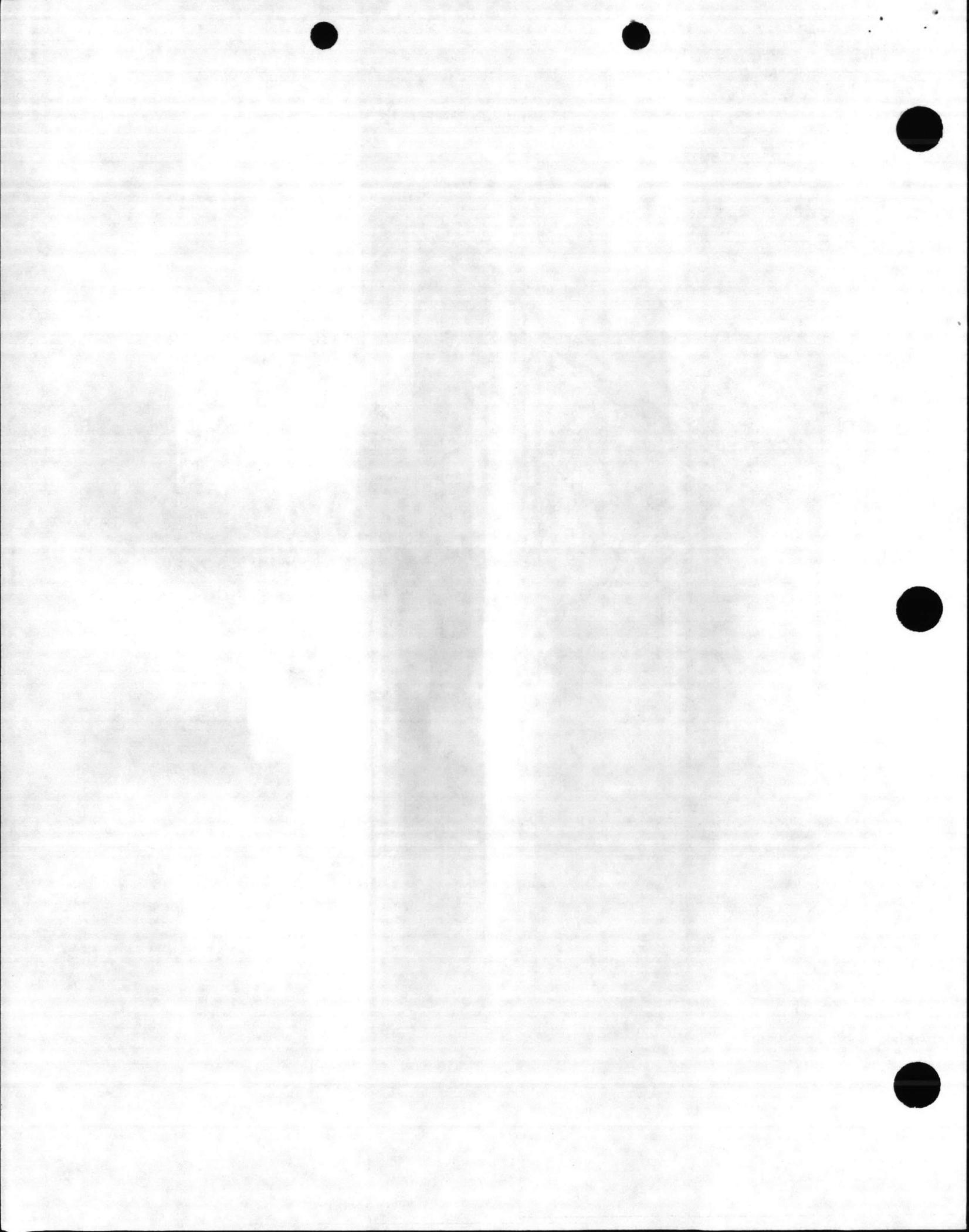
MISC. WARNING LABELS





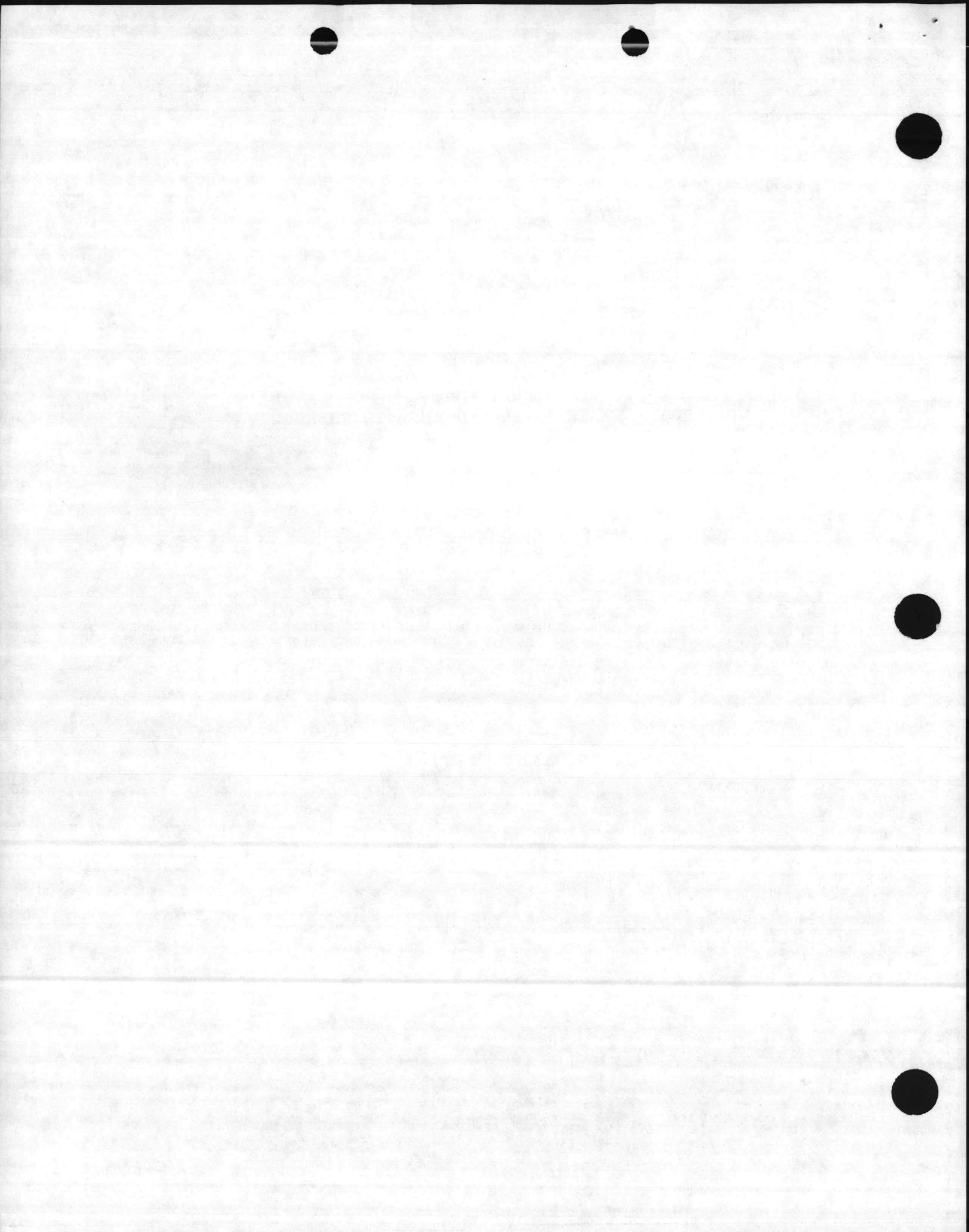
MISC. WARNING LABELS





FORMAT FOR
HAZARDOUS WASTE SPILL AND RELATED EMERGENCY
CONTINGENCY PLAN

ENCL (9)



**HAZARDOUS WASTE SPILL AND RELATED EMERGENCY
CONTINGENCY PLAN FOR**

(NAME OF FACILITY)

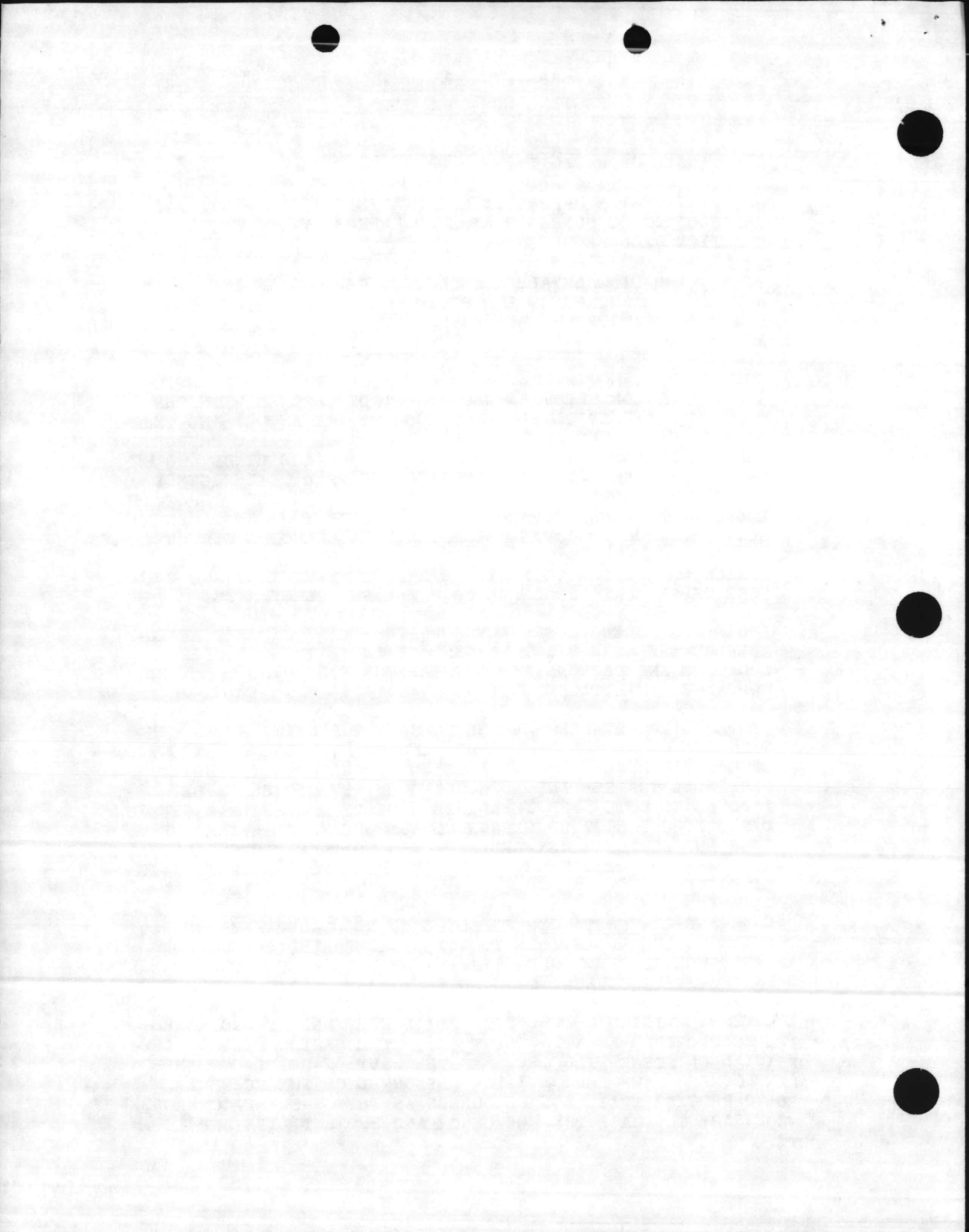
BLDG. #

A. IN THE EVENT THAT A HAZARDOUS MATERIAL/HAZARDOUS WASTE SPILL, FIRE, RELEASE OF TOXIC FUMES OR SIMILAR EMERGENCY OCCURS, THE FOLLOWING ACTION WILL BE TAKEN:

- FIRST, IMMEDIATELY ALERT EMPLOYEES/PERSONS IN THE IMMEDIATE AREA OF THE EMERGENCY AND BEGIN EVACUATION OF ANY PERSONS SUBJECT TO INJURY BY THE EMERGENCY. EVACUEES SHALL ASSEMBLE AT _____
- IMMEDIATELY, NOTIFY THE BASE FIRE DEPARTMENT, EXTENSION 3333. PROVIDE THE FIRE DEPARTMENT DISPATCHER WITH THE BEST ESTIMATE/AVAILABLE KNOWLEDGE OF THE AMOUNT AND TYPE OF HAZARDOUS SUBSTANCE SPILLED; LOCATION OF THE EMERGENCY; WHETHER OR NOT ANY PERSONS HAVE BEEN OR ARE LIKELY TO BE INJURED AND ANY OTHER INFORMATION HELPFUL TO EMERGENCY RESPONSE PERSONNEL. STAY ON THE LINE WITH THE DISPATCHER AND FOLLOW DISPATCHER'S INSTRUCTIONS IF YOU CAN SAFELY DO SO. CONTINUE TO ADVISE DISPATCHER OF CHANGING CIRCUMSTANCES.
- ASSIGN ONE PERSON TO MEET THE EMERGENCY VEHICLE AND GUIDE FIRE DEPARTMENT PERSONNEL TO SPILL/EMERGENCY SITE.
- BEGIN ASSEMBLING EMERGENCY SUPPLIES AND EQUIPMENT AVAILABLE AT THE WORK SITE. A LIST OF THESE ITEMS; THEIR LOCATION AND PERSONS RESPONSIBLE FOR PROVIDING THEM ARE CONTAINED IN ATTACHMENT (A).
- IF THE CIRCUMSTANCES OF THE EMERGENCY PERMIT, BEGIN CONTAINMENT OF THE SPILL BY SHUTTING OFF VALVES, CONSTRUCTION OF EARTHEN DIKES AND APPLICATION OF ABSORBENT. ONLY PERSONNEL TRAINED AND AUTHORIZED BY THE OIC SHALL BE ALLOWED TO ENTER THE IMMEDIATE AREA OF THE SPILL. SECTION D PROVIDES A LIST OF PERSONNEL AUTHORIZED TO ENTER THE AREA AND ACTIONS THEY ARE EXPECTED TO TAKE. UPON ARRIVAL AT THE SCENE, THE FIRE DEPARTMENT WILL CONTROL ACCESS TO SITE.
- UNDER NO CIRCUMSTANCES SHALL PERSONNEL UNDERTAKE ANY ACTION WHICH WOULD EXPOSE THEM TO TOXIC CHEMICALS, FUMES AND GASES UNLESS THE PROPER TYPE(S) OF WELL MAINTAINED PERSONNEL PROTECTIVE EQUIPMENT IS USED.

B. THE LATEST REVISION OF THE BASE SPILL CONTINGENCY ORDER, BO 11090.1, IS PROVIDED AS ATTACHMENT (B). THE SENIOR FIRE DEPARTMENT OFFICIAL ON SCENE WILL SERVE AS THE NAVY ON-SCENE-COMMANDER. ALL MARINE CORPS, NAVY AND CIVILIAN PERSONNEL ON THE SCENE ARE EXPECTED TO PROVIDE AVAILABLE RESOURCES AS THE ON-SCENE-COMMANDER DEEMS NECESSARY TO ABATE THE EMERGENCY AND PROTECT LIFE AND PROPERTY.

ENCL (9)



C. OTHER OFFICIALS TO BE NOTIFIED:

-- OIC REPRESENTATIVE _____ name/rank/title _____ phone # _____

-- HAZARDOUS MATERIAL DISPOSAL OFFICER _____ name/rank _____ phone # _____

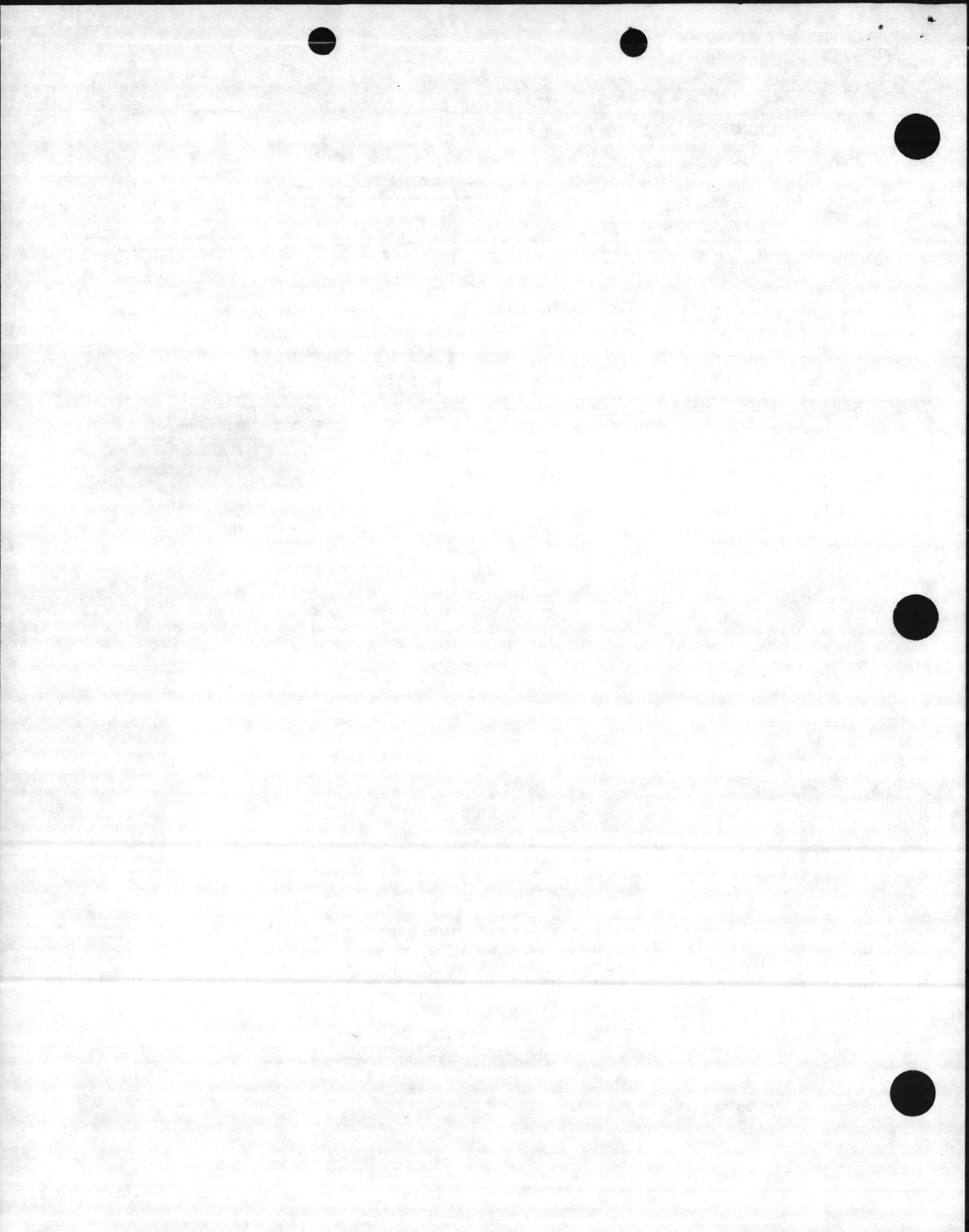
D. ROSTER OF SHOP PERSONNEL AUTHORIZED AND TRAINED TO RESPOND TO HAZARDOUS MATERIAL AND WASTE SPILLS/EMERGENCIES:

<u>NAME/RANK/TITLE OF INDIVIDUAL</u>	<u>HAZARDOUS MATERIAL/WASTE EMERGENCY RESPONSIBILITIES</u>
--------------------------------------	--

I hereby certify that the above personnel are properly trained and authorized to carry out the specific responsibilities shown above. These individuals shall assist in handling hazardous material/waste spills and related emergencies to the extent that they can do so safely.

OIC REPRESENTATIVE

DATE



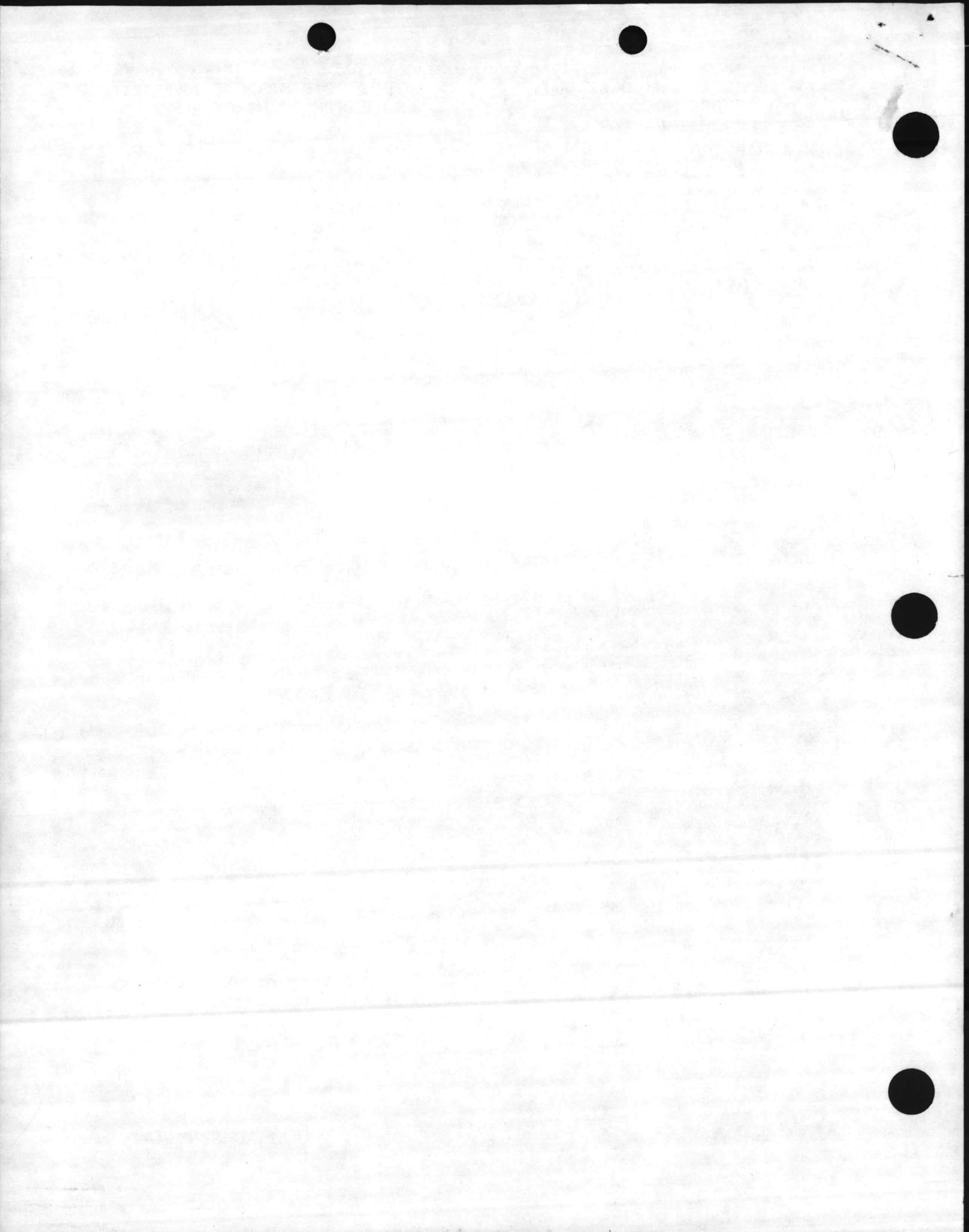
ITEM DESCRIPTION/LOCATION/
NAME AND PHONE NO. OF
PERSON RESPONSIBLE FOR
MAINTAINING AND PROVIDING
ITEM

TYPES OF HAZARDOUS MATERIAL
AND WASTE TO BE USED ON

Inventory of available
Hazardous Material/Waste
Spill Response and Clean-
up Equipment and Supplies

ATTACHMENT (A)

ENCL (9)





UNITED STATES MARINE CORPS
10th Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542-5515

IN REPLY REFER TO
6240
S-4/HW
1 Jun 87

From: Commanding Officer, 10th Marines
To: Distribution list

Subj: REGT HW PROGRAM NOTICE 3-87: LOI FOR LITHIUM AND MERCURY
BATTERY TURN-IN PROCEDURES TO REGIMENTAL COMM HM FACILITY
(BLDG 1704)

Ref: (a) Regt HW Program Notice 1-87
(b) BO 6240.5A
(c) Regt HW Program Notice 2-87

Encl: (1) Lithium and Mercury Battery Turn-in Procedures for all
units ~~(except 5/10)~~
(2) Condition Definition for Batteries
(3) Regimental Comm Disposal Procedures (HW Batteries)
(4) HW Spill Contingency Plan for Regt Comm HW Facility

1. Reference (a) outlined procedures for the reduction of hazardous waste (HW) sites throughout the Regiment from 24 to five. Of special significance was the reduction of Unit Comm HW sites from seven to ~~one~~ ^{ONE} ~~(5/10 and~~ (Regt Comm). Accordingly, the following units will close down their garrison lithium and mercury hazardous waste sites and commence turn-in of unserviceable, defective (with QDRs attached), and expended batteries to Regt Comm (Bldg. 1704) in the manner prescribed in enclosure (1):

HQBTRY	2/10	5/10
TABTRY	3/10	
1/10	4/10	

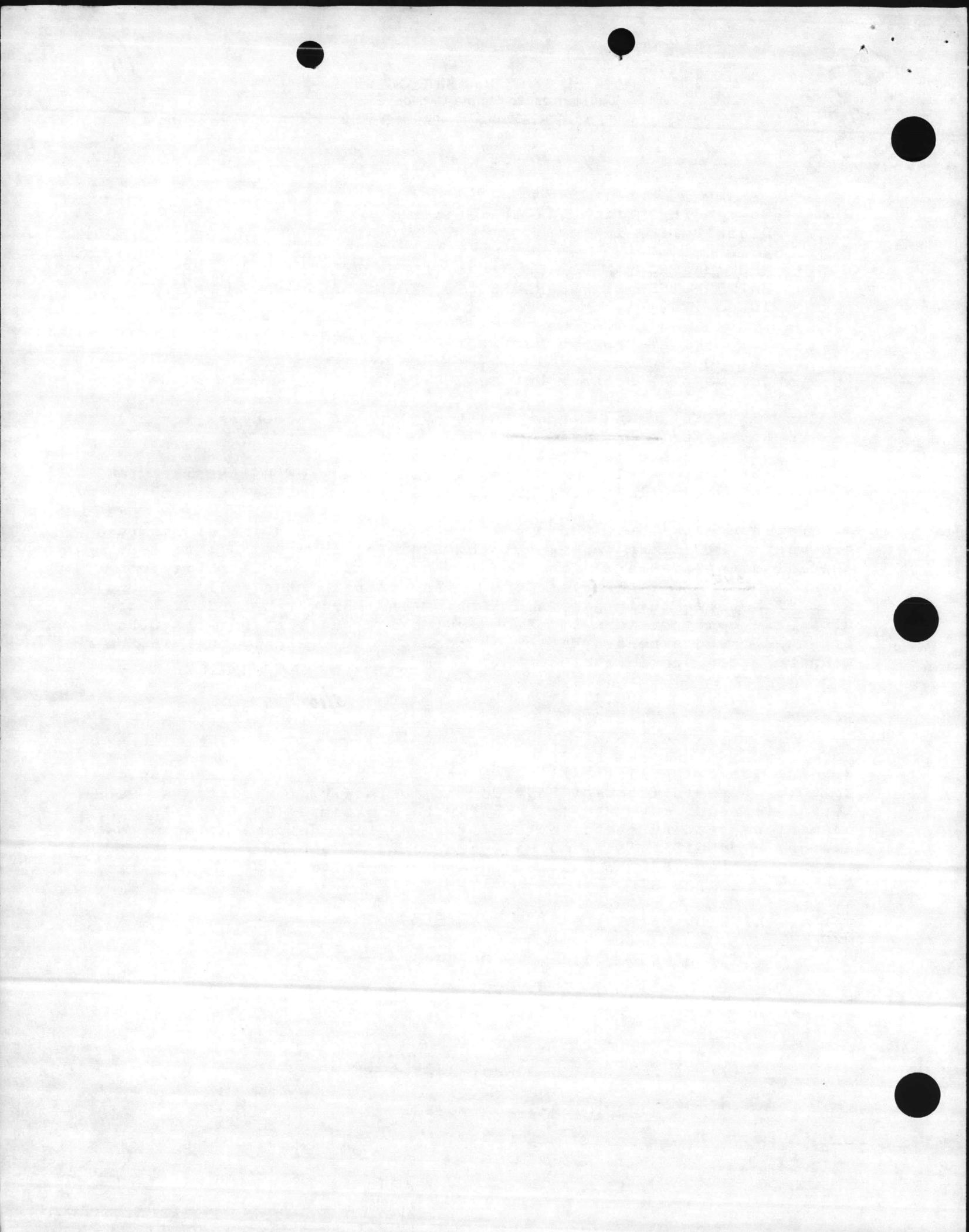
2. The following list of lithium and mercury batteries are applicable for turn-in (contact Regt Comm immediately if a different variation is requiring turn-in). Refer to enclosure (2) for a listing of various battery states of condition. Final determination of each Battery's condition will be made at the Regt Comm HW Facility by trained Battery NCO/HW Handlers under the cognizance of the Regt Comm HW Facility OIC.

a. LITHIUM BATTERIES

- (1) BA-5590 (6135-01-036-3495)
- (2) BA-5598 (6135-01-034-2239)

b. MERCURY

- (1) BA-1372 (6135-00-801-3493)
- (2) BA-1588 (6135-01-094-6536)



3. After arrangements have been made and appropriate turn-in of un-useable batteries by the units to Regimental Comm has been conducted, the batteries will be placed in special disposal boxes constructed by 2nd Supply Battalion PP&P and classified as hazardous waste. The Regimental Comm Battery NCO/HW Handler shall follow through with appropriate battery procedures per instructions contained in reference (b) and enclosure (3) of this letter. WITH THE EXCEPTION OF 5/10, ALL UNITS WILL NOT (REPEAT) WILL NOT CONDUCT ANY ACT OF DISPOSAL WHILE IN GARRISON SINCE THE ONLY AUTHORIZED LITHIUM/MERCURY BATTERY HW SITES IN THE REGIMENT ARE LOCATED AT 5/10 COMM (Bldg 1450) AND REGT COMM (Bldg 1704). Battery turn-in to Regt Comm shall commence once the unit has had DRMO pick up all remaining HW containers presently in existence. THIS ACTION SHALL BE COMPLETED PRIOR TO 19 JUNE 87.

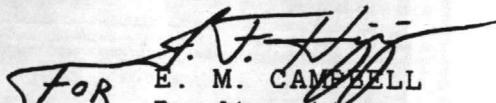
4. MISCELLANEOUS INFO. Both the Regimental Comm HW Facility OIC and Battery NCO/HW Handler must have a full understanding of information contained in references (b) and (c). Additional criterion:

(a) Development of HW Spill Contingency Plans which shall be posted at the HW site entrance and maintained in appropriate turnover files (see enclosure (4)).

(b) Compliance with HW site safety regulations to include proper battery packaging and storage, maintaining CO2 fire extinguishers and portable eye/face wash pressurized bottles (NSN: 4230-00-551-3134), ensuring adequate ventilation, enforcing "no smoking" regulations, etc.

(c) Conducting formal weekly HW inspections per references (b) and (c).

5. POCs for further information on this subject are Capt HIGGINS, Regt HMD0 (ext #3467) or 2nd Lt DILLON, Regt Comm HW Facility OIC (ext #3911). Request that this letter be retained within appropriate turnover files.

FOR 
E. M. CAMPBELL
By direction

Distribution:
Bn HMD0s
Bn CommO's
Regt CommO



TURN IN PROCEDURES FOR LITHIUM/MERCURY BATTERIES

1. Each Battalion Communications Platoon will be contacted weekly by the Regimental Communications Hazardous Waste Facility OIC, or his representative, concerning the quantity of used lithium/mercury batteries on hand and the quantity required to be turned into the HW facility. Battalions will be contacted according to the following schedule;

1/10 : Monday Morning

2/10 : Tuesday Morning

3/10 : Wednesday Morning

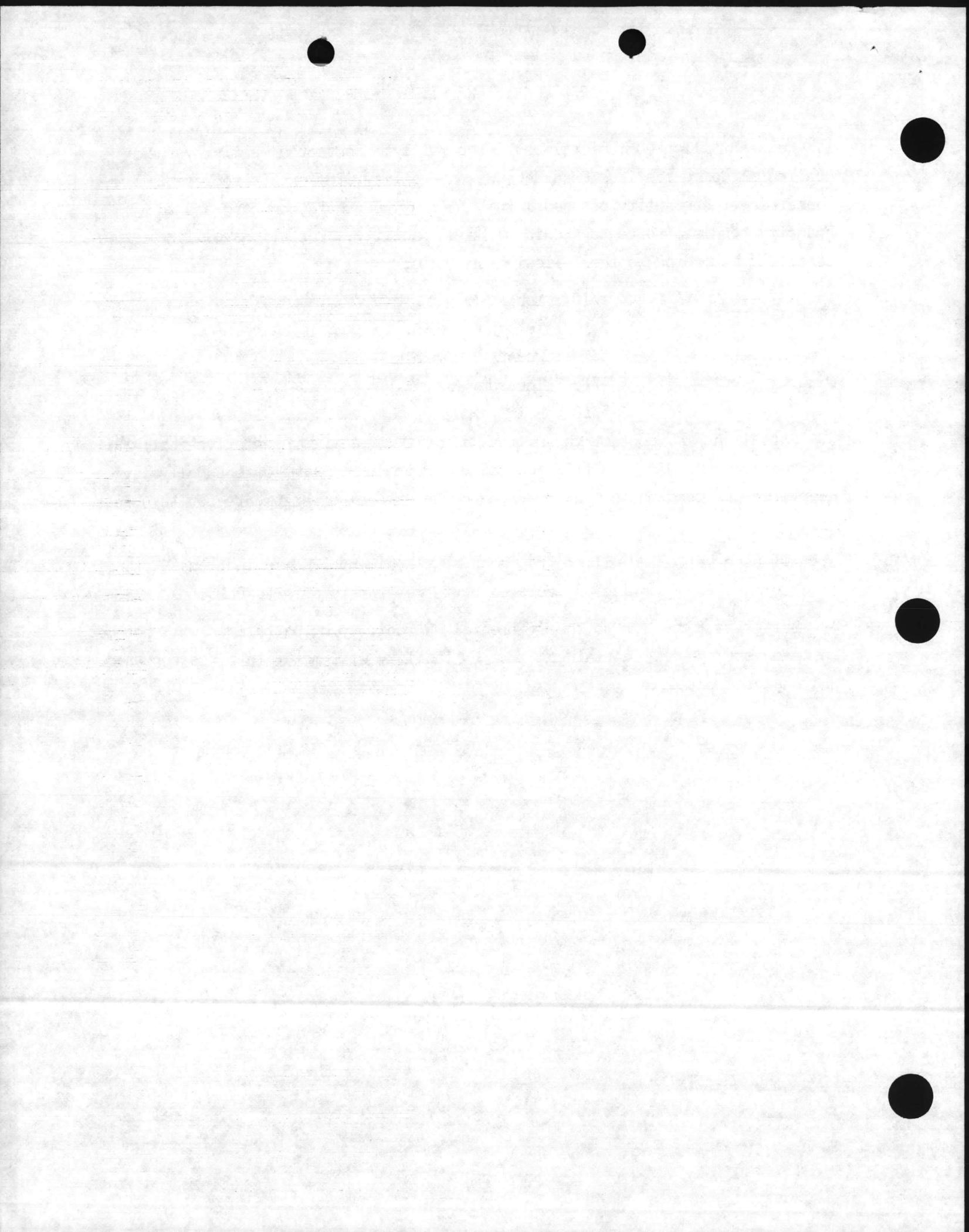
4/10 : Thursday Morning

5/10 : Friday Morning

2. Battalions may contact the HW facility OIC or his representative (ext: 3911 or 3488) upon return from field exercises or any other time of unusually large quantities of used batteries are on hand and special arrangements for turn in will be made.

3. All used batteries will be tested by the Regimental Communications HW facility to determine the quantity of depleted batteries for turn in to DRMO.

4. Batteries turned in to the Regimental HW facility by battalions will not be in boxes or any other container. The HW facility will maintain boxes for used and depleted batteries.



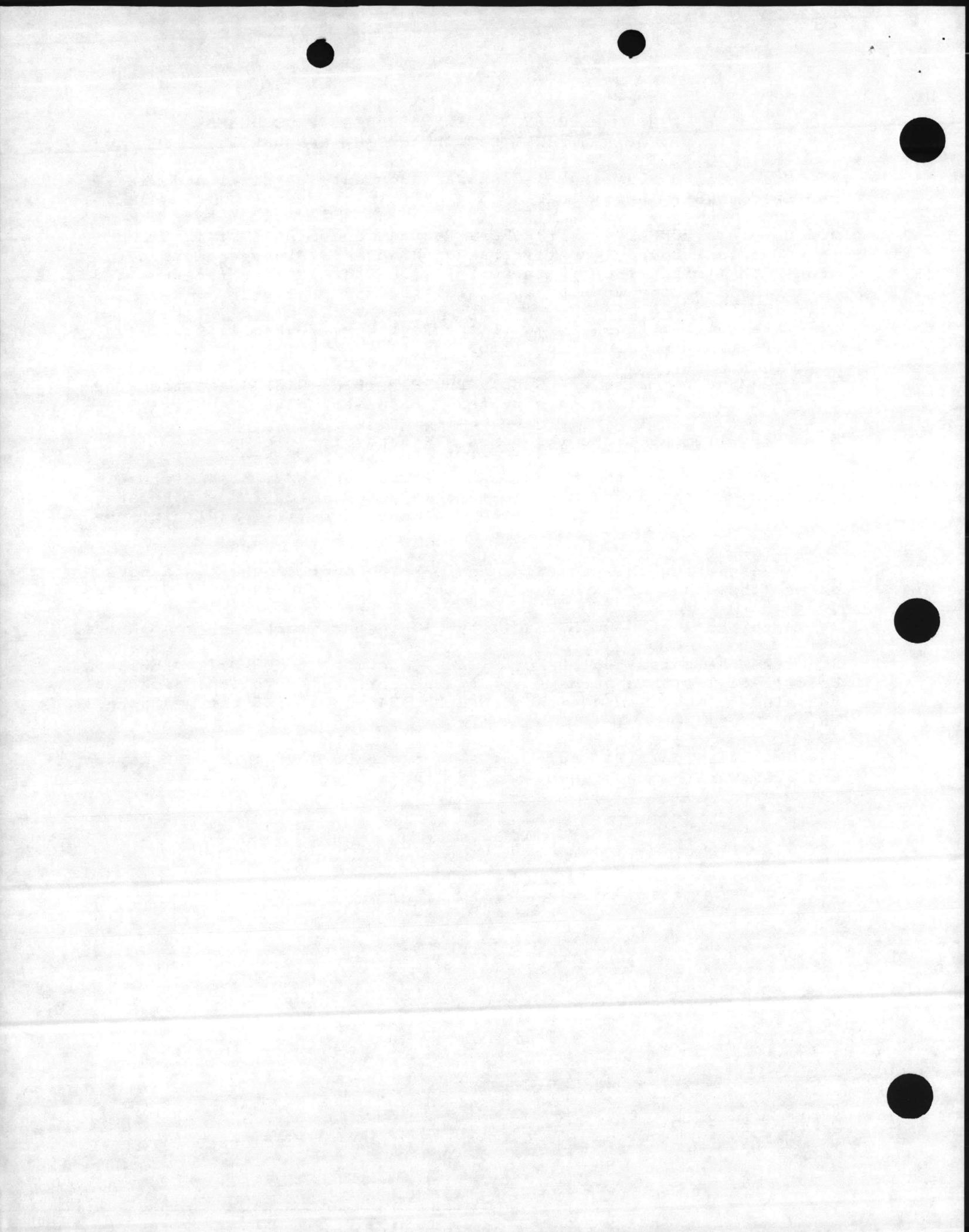
LIST OF DEFINITIONS

1. Not suspended from use-a battery from a lot which has never been suspended from use by message from a higher headquarters.
 - a. NEW-A battery that has never been used and is sealed in it's original plastic wrap.
 - b. USED-A battery which has been removed from the original plastic wrap.
 - c. DEPLETED-A battery which no longer will power the equipment it was deigned to provide power for. (This category of battery is to be turned in for disposal and not allowed to be stored in excess of thirty days or exceed thirty pounds while awaiting disposal.)
 - d. DEFECTIVE-A battery which in a new, used or depleted condition has shown signs of leakage, venting or rupture. (This category of battery is to be reported immediately to the 2d MarDiv CEO ext 1500 1907 and held until disposition instructions are received.)
2. Suspended from use-A battery from a lot which has been suspended from use by message from a higher headquarters.
 - a. NEW-A battery sealed in it's original plastic wrap which has never been opened. (This category of battery is to continue to be held by the unit until disposition instructions are received. Should not be used in any communication equipment unless permission to use has been requested and granted by higher headquarters.)
 - b. USED-A battery of which the seal of the original plastic wrap has been broken. (This category of battery should be turned in for disposal.)
 - c. DEPLETED-A battery of which permission to use had been granted by a higher headquarters and will no longer power the equipment it was designed to provide power for. (This category of battery should be turned in for disposal.)
 - d. DEFECTIVE-A battery which in a new or unused condition has shown signs of leakage, venting or rupture. (This category of battery is to be reported immediately to the 2d MarDiv CEO ext 1500/1907 and held until disposition instructions are received.)



LITHIUM/MERCURY BATTERY DISPOSAL PROCEDURES
(FOR REGT COMM BATTERY NCO/HW HANDLERS)

1. Complete DD FORM 1348-1 disposal document (original and six copies). HQBtry Supply can assist in this process.
2. Complete MCBCL 4030 PP&P Work Request document (original and three copies) to have containers constructed. Storage capacity should be limited from 50 to 90 batteries per box for larger-sized batteries. HQBtry Supply can assist in this process.
3. Take both of these forms to the Regt Comm HW Facility OIC for verification and final certification.
4. Take the forms to 2nd Supply Bn PP&P (Bldg 915) where the storage containers will be constructed. Phone NR: 5224.
5. PP&P will call once the boxes are ready for pickup.
6. Once received, the boxes shall be labeled: NSN, nomenclature, and applicable hazardous waste code (e.g. ORM-E). Place a Hazardous Waste Certification Label on the container and fill in all information.
7. When packing the batteries and placing them in the containers, ensure that they are wrapped in plastic and taped shut.
8. Have the Regt Comm HW Facility OIC inspect completed containers.
9. Take the completed DD Form 1348-1 document to DRMO (Mr. EGGERS). He will call within 30 days to arrange for an inspection, pickup of containers, and return of a signed DD 1348-1 receipt copy. Phone NR: 1369/5613.
10. Maintain on file copies of all signed DD 1348-1 receipt copies and PP&P Work Request documents for three years.



HAZARDOUS WASTE SPILL AND RELATED EMERGENCY
CONTINGENCY PLAN FOR

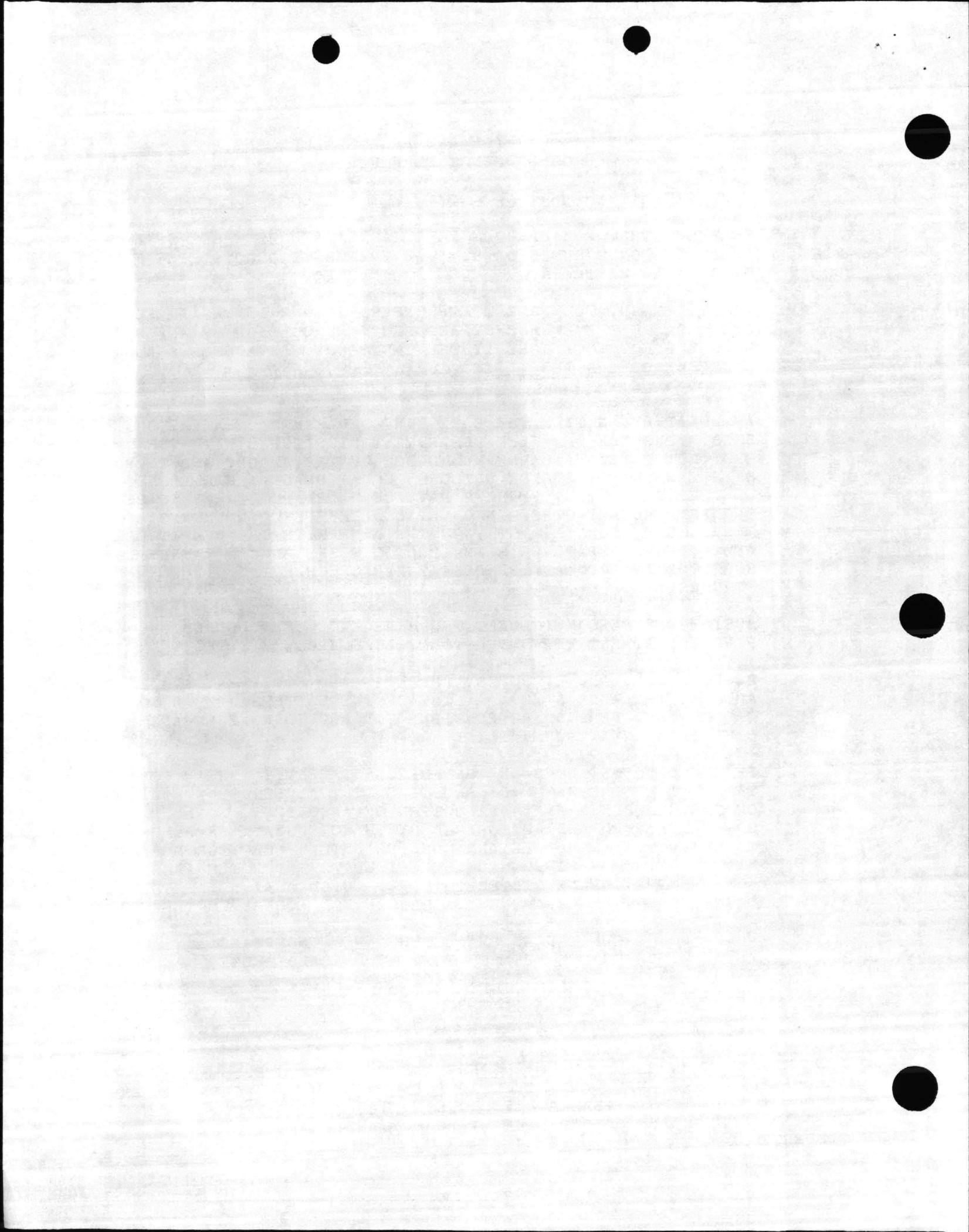
HW FACILITY: REGT Comm BLDG: 1704

A. IN THE EVENT THAT A HAZARDOUS MATERIAL/HAZARDOUS WASTE SPILL, FIRE, RELEASE OF TOXIC FUMES OR SIMILAR EMERGENCY OCCURS, THE FOLLOWING ACTION WILL BE TAKEN:

1. FIRST, IMMEDIATELY ALERT EMPLOYEES/PERSONS IN THE IMMEDIATE AREA OF THE EMERGENCY AND BEGIN EVACUATION OF ANY PERSONS SUBJECT TO INJURY BY THE EMERGENCY. EVACUEES SHALL ASSEMBLE BEHIND THE REGT Comm SHOP IN FRONT OF THE REGT ENGINEER BLDG
2. IMMEDIATELY, NOTIFY THE BASE FIRE DEPARTMENT, EXTENSION 3333. PROVIDE THE FIRE DEPARTMENT DISPATCHER WITH THE BEST ESTIMATE/AVAILABLE KNOWLEDGE OF THE AMOUNT AND TYPE OF HAZARDOUS SUBSTANCE SPILLED; LOCATION OF THE EMERGENCY; WHETHER OR NOT ANY PERSONS HAVE BEEN OR ARE LIKELY TO BE INJURED AND ANY OTHER INFORMATION HELPFUL TO EMERGENCY RESPONSE PERSONNEL. STAY ON THE LINE WITH THE DISPATCHER AND FOLLOW DISPATCHER'S INSTRUCTIONS IF YOU CAN SAFELY DO SO. CONTINUE TO ADVISE DISPATCHER OF CHANGING CIRCUMSTANCES.
3. ASSIGN ONE PERSON TO MEET THE EMERGENCY VEHICLE AND GUIDE FIRE DEPARTMENT PERSONNEL TO SPILL/EMERGENCY SITE.
4. BEGIN ASSEMBLING EMERGENCY SUPPLIES AND EQUIPMENT AVAILABLE AT THE WORK SITE. A LIST OF THESE ITEMS, THEIR LOCATION, AND PERSONS RESPONSIBLE FOR PROVIDING THEM ARE CONTAINED IN ATTACHMENT (A).
5. IF THE CIRCUMSTANCES OF THE EMERGENCY PERMIT, BEGIN CONTAINMENT OF THE SPILL BY SHUTTING OFF VALVES, CONSTRUCTION OF EARTHEN DIKES AND APPLICATION OF ABSORBENT. ONLY PERSONNEL TRAINED AND AUTHORIZED BY THE OIC SHALL BE ALLOWED TO ENTER THE IMMEDIATE AREA OF THE SPILL. SECTION D PROVIDES A LIST OF PERSONNEL AUTHORIZED TO ENTER THE AREA AND ACTIONS THEY ARE EXPECTED TO TAKE. UPON ARRIVAL AT THE SCENE, THE FIRE DEPARTMENT WILL CONTROL ACCESS TO THE SITE.
6. UNDER NO CIRCUMSTANCES SHALL PERSONNEL UNDERTAKE ANY ACTION WHICH WOULD EXPOSE THEM TO TOXIC CHEMICALS, FUMES, AND GASES UNLESS THE PROPER TYPE(S) OF WELL-MAINTAINED PERSONNEL PROTECTIVE EQUIPMENT IS USED.

B. THE LATEST REVISION OF THE BASE SPILL CONTINGENCY ORDER, BO 11090.1, IS PROVIDED AS ATTACHMENT (B). THE SENIOR FIRE DEPARTMENT OFFICIAL ON THE SCENE WILL SERVE AS THE ON-SCENE-COMMANDER. ALL MARINE CORPS, NAVY AND CIVILIAN PERSONNEL ON THE SCENE ARE EXPECTED TO PROVIDE AVAILABLE RESOURCES TO THE ON-SCENE-COMMANDER AS HE DEEMS NECESSARY TO ABATE THE EMERGENCY AND PROTECT LIFE AND PROPERTY.

ENCLOSURE (7)



C. OTHER OFFICIALS TO BE NOTIFIED (NAME AND PHONE NR):

--- HW FACILITY OIC: Lt DILLON #3911---

--- UNIT HMDO: (REGT Hmdo) CAPT HIGGINS #3467---

D. ROSTER OF SHOP PERSONNEL AUTHORIZED AND TRAINED TO RESPOND TO HAZARDOUS MATERIAL AND WASTE SPILLS/EMERGENCIES:

NAME/RANK/TITLE OF INDIVIDUAL

HAZARDOUS MATERIAL/WASTE
EMERGENCIES RESPONSIBILITIES

LCPL SOSS - BATTERY NCO/HW HANDLER

COLLECT, PACKAGE, AND TURN-IN UNUSEABLE
LITHIUM AND MERCURY BATTERIES TO DRMO

CPL SMITH - BATTERY NCO/HW HANDLER

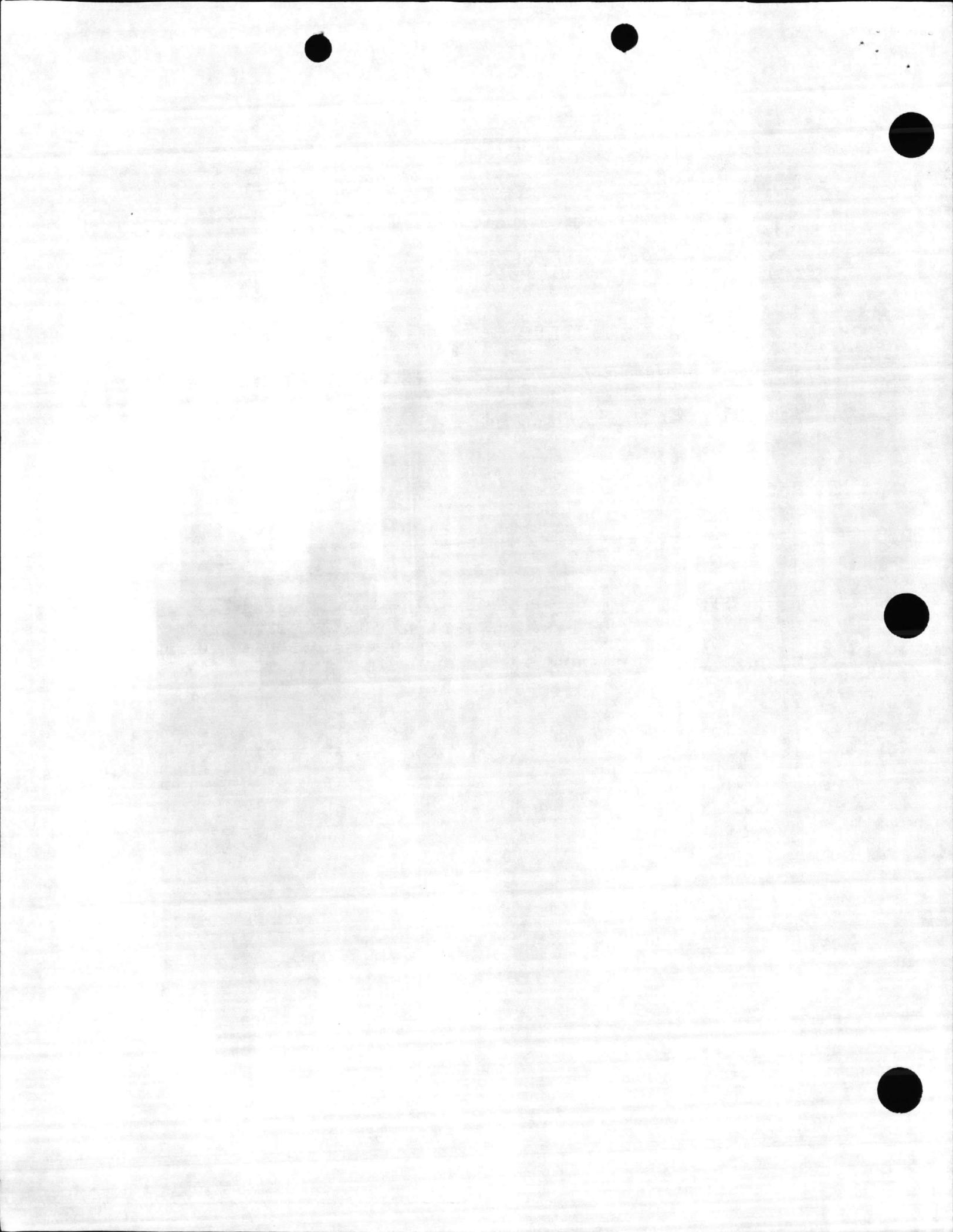
''

I HEREBY CERTIFY THAT THE ABOVE PERSONNEL ARE PROPERLY TRAINED AND AUTHORIZED TO CARRY OUT THE SPECIFIC RESPONSIBILITIES SHOWN ABOVE. THESE INDIVIDUALS SHALL ASSIST IN HANDLING HAZARDOUS MATERIAL/WASTE SPILLS AND RELATED EMERGENCIES TO THE EXTENT THAT THEY CAN DO SO SAFELY.

HW FACILITY OIC

DATE

ENCLOSURE [4]



ITEM DESCRIPTION/LOCATION/
NAME AND PHONE NO. OF
PERSON RESPONSIBLE FOR
MAINTAINING AND PROVIDING ITEM

1. PLASTIC BAGS IN STORE ROOM
NAME: LCPL SOSS/CPL SMITH
PHONE: 3922
2. TAPE IN STORE ROOM
NAME: LCPL SOSS/CPL SMITH
PHONE: 3911

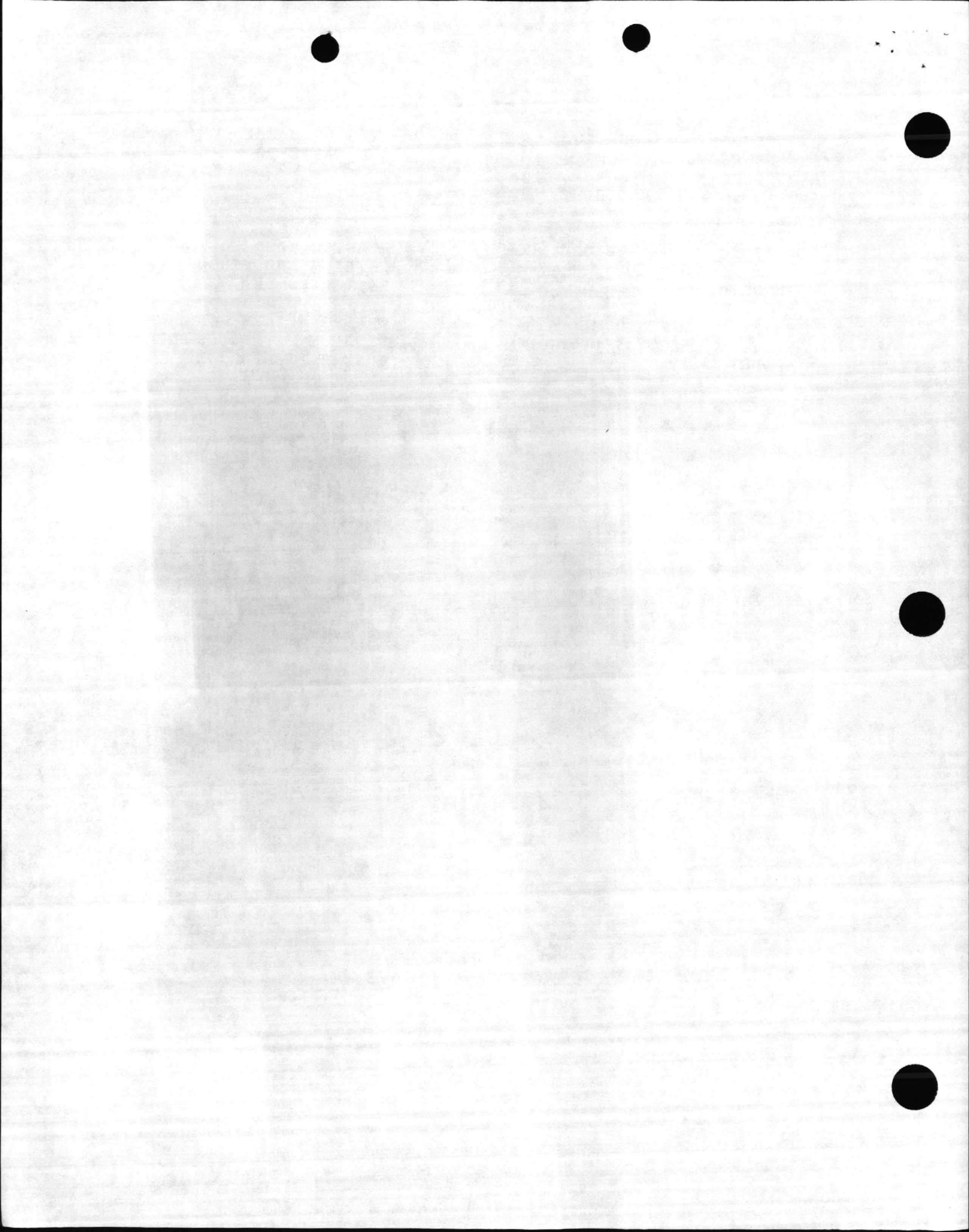
TYPE OF HAZARDOUS MATERIAL
AND WASTE TO BE USED ON

PLASTIC BAGS TO WRAP
LITHIUM AND MERCURY
BATTERIES IN.

WRAPPING TAPE FOR BAGS ON
LITHIUM BATTERIES AND MER-
CURY BATTERIES IN.

ATTACHMENT A

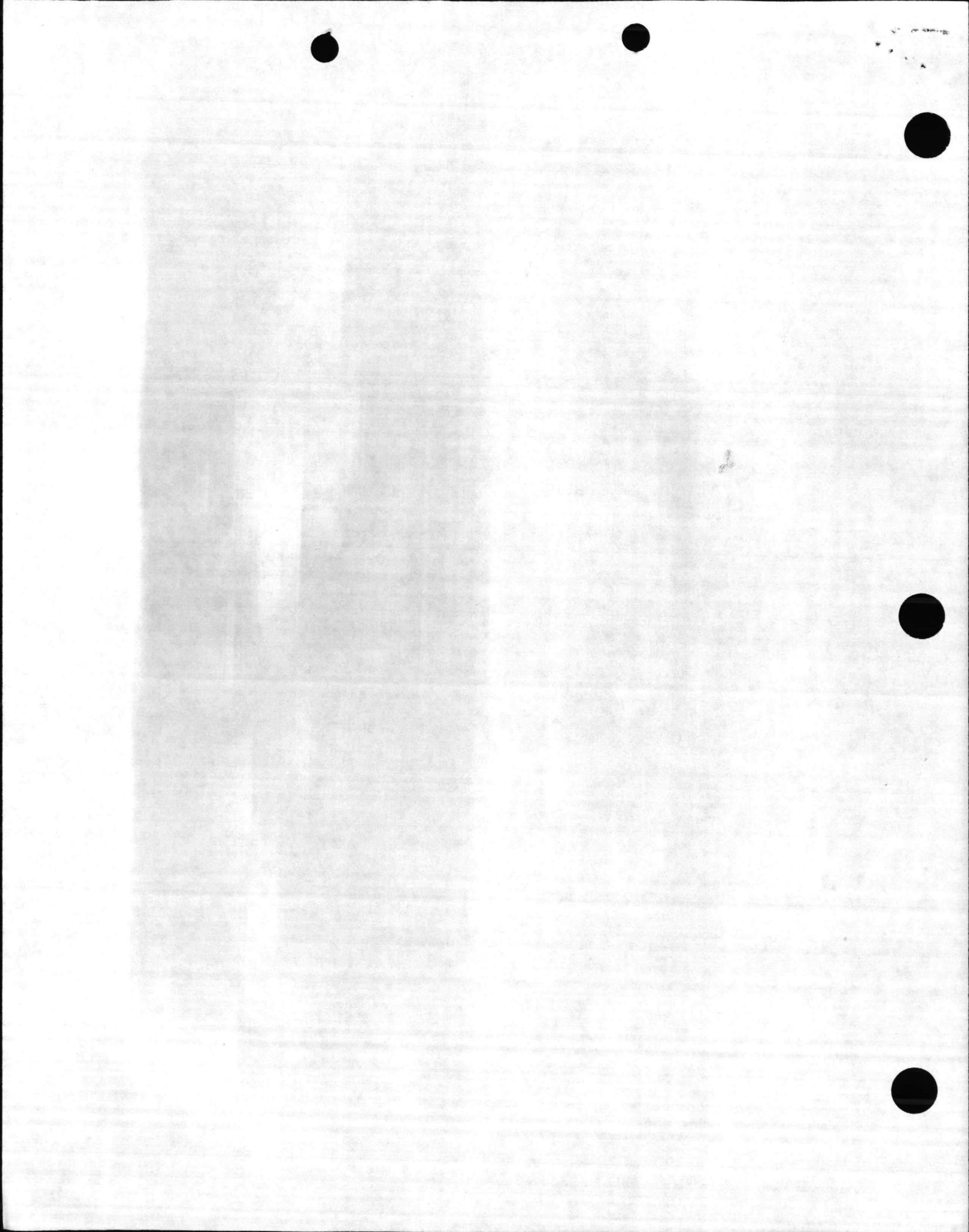
ENCLOSURE [4]



ATTACH A REPRODUCED COPY OF BO 11090.1B HERE

ATTACHMENT (B)

ENCLOSURE [4]





UNITED STATES MARINE CORPS
10th Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542-5515

IN REPLY REFER TO

6240
S-4/HW
3 Jun 87

From: Commanding Officer, 10th Marines
To: Distribution list

Subj: REGT HW PROGRAM NOTICE 4-87: HAZARDOUS WASTE (HW) WARNING
LABEL USE AND PROPER FIRE EXTINGUISHER USE

Encl: (1) HW Warning Label Listing
(2) Fire Extinguisher Use guidelines

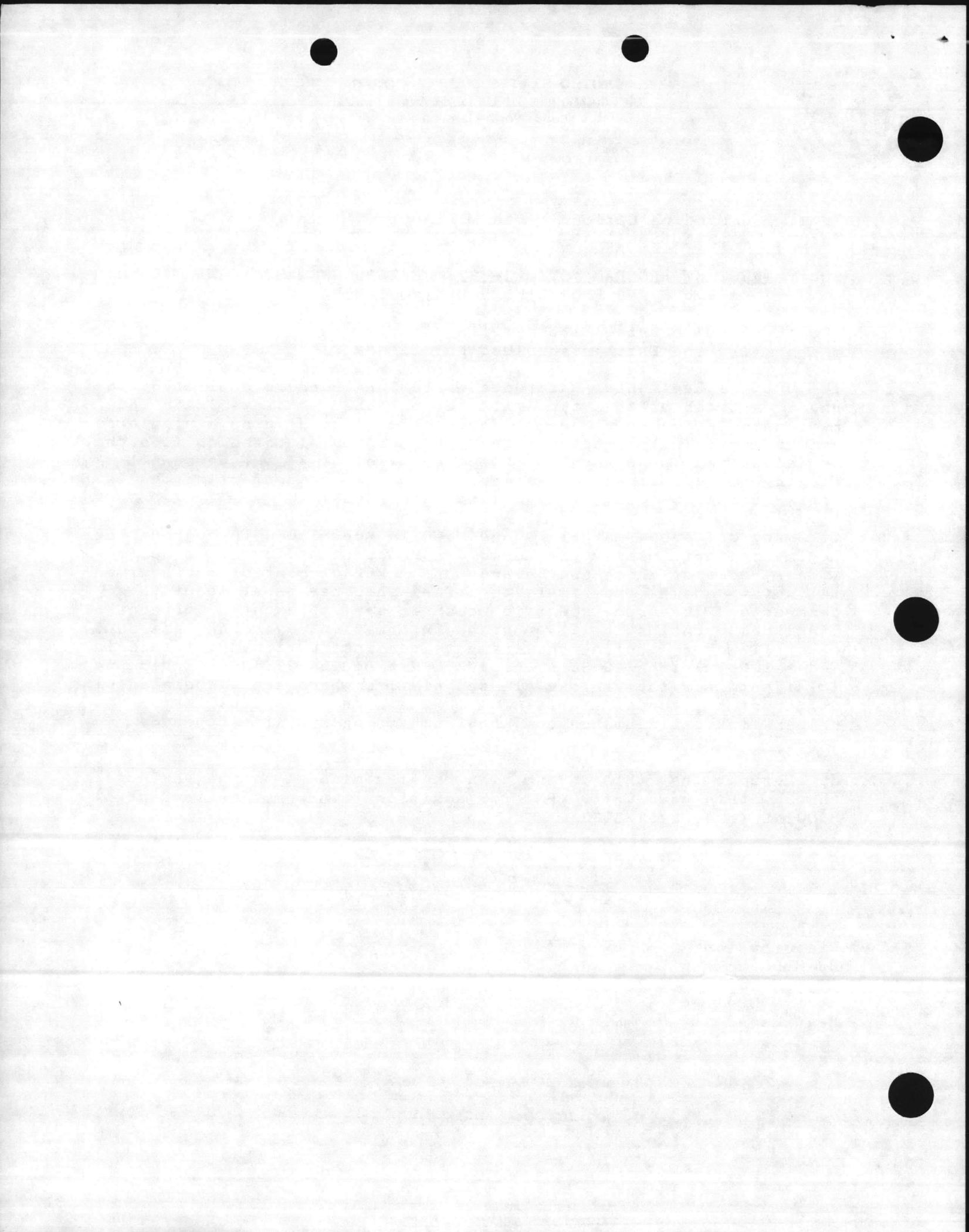
1. Until a Regimental Hazardous Waste SOP order is published, periodic notices of this type will be published to disseminate information and guidance necessary for each unit to develop a viable hazardous waste (HW) management program. Copies of these notices shall be maintained in appropriate turnover files of all HW personnel. Missing or additional copies may be obtained by contacting the Regimental HMDO, Capt HIGGINS (ext. 3467/3933).

2. Many different materials are used in workplaces throughout the Regiment (particularly in the motor transport and ordnance sections), some of which are hazardous. A key element of the Regimental safety and HW program is to inform shop personnel about these hazards and to ensure specific measures are implemented for controlling them. Enclosure (1) provides information regarding hazardous material/waste labeling requirements per instructions contained in Federal Regulation 49 Sections 173.312 through 173.404. Enclosure (2) identifies the various classes of fire which are associated with different hazardous materials/wastes, and provides details for proper fire extinguisher use when combatting specific types of fire.

3. Request that this information be disseminated to the various shops within your unit. POC for additional information is Capt HIGGINS (ext. 3467/3933).

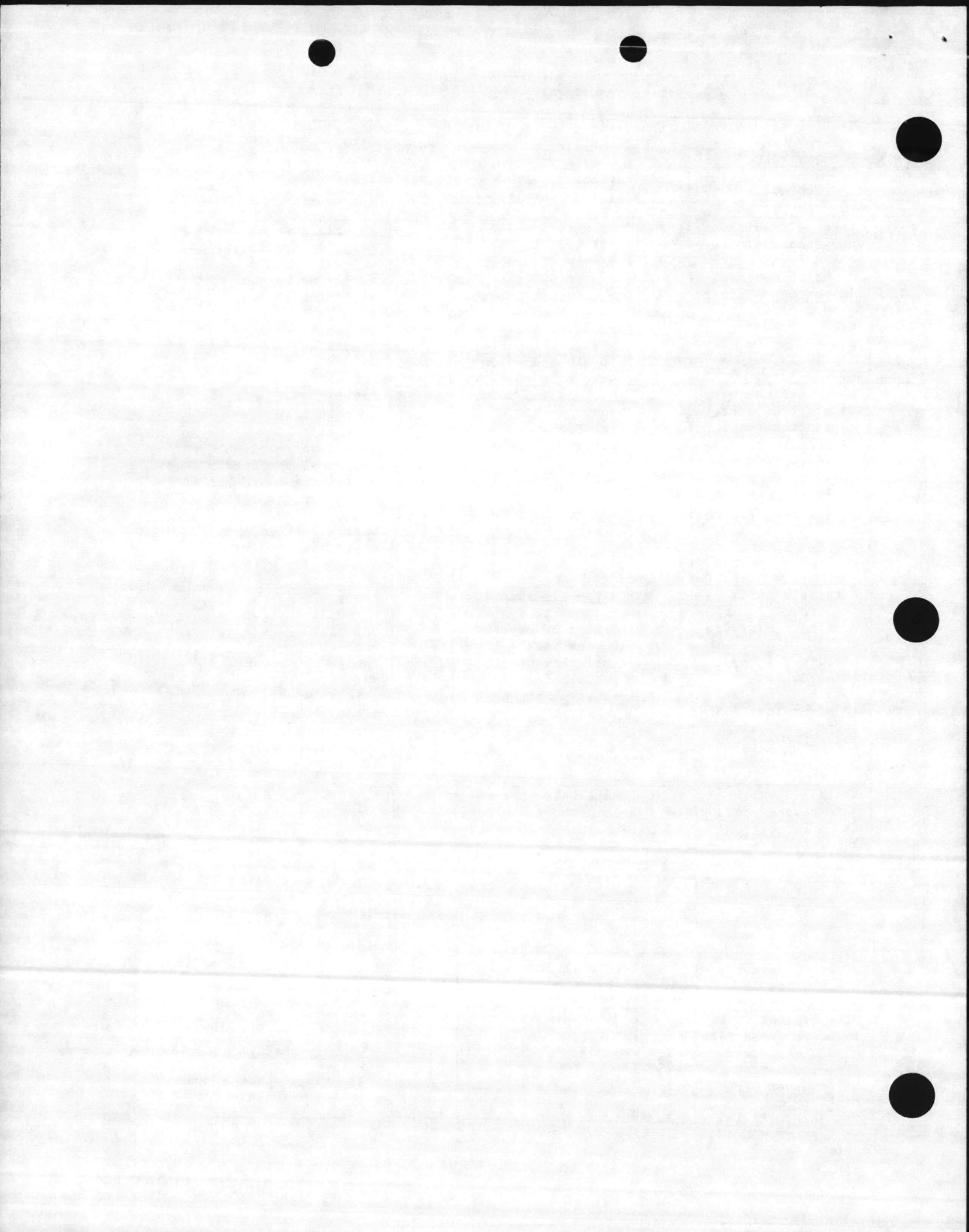
E. M. Campbell
FOR E. M. CAMPBELL
By direction

Distribution:
Bn HMDOs
Regt CommO's
Regt MTO
Regt EngrO



HAZARD IDENTIFICATION SYSTEM

Identification of Health Hazard Color Code: BLUE		Identification of Flammability Color Code: RED		Identification of Reactivity (Stability) Color Code: YELLOW	
Type of Possible Injury		Susceptibility of Materials to Burning		Susceptibility to Release of Energy	
Signal		Signal		Signal	
4	Materials which on very short exposure could cause death or major residual injury even though prompt medical treatment were given.	4	Materials which will rapidly or completely vaporize at atmospheric pressure and normal ambient temperature, or which are readily dispersed in air and which will burn readily.	4	Materials which are readily capable of detonation or of explosive decomposition or reaction at normal temperatures and pressures.
3	Materials which on short exposure could cause serious temporary or residual injury even though prompt medical treatment were given.	3	Liquids and solids that can be ignited under almost all ambient temperature conditions.	3	Materials which are capable of detonation or explosive reaction but require a strong initiating source or which must be heated under confinement before initiation or which react explosively with water.
2	Materials which on intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical treatment is given.	2	Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.	2	Materials which are normally unstable and readily undergo violent chemical change but do not detonate. Also materials which may react violently with water or which may form potentially explosive mixtures with water.
1	Materials which on exposure would cause irritation but only minor residual injury even if no treatment is given.	1	Materials that must be preheated before ignition can occur.	1	Materials which are normally stable, but which can become unstable at elevated temperatures and pressures or which may react with water with some release of energy but not violently.
	Type of Possible Injury		Susceptibility of Materials to Burning		Susceptibility to Release of Energy
Signal		Signal		Signal	
0	Materials which on exposure under fire conditions would offer no hazard beyond that of ordinary combustible material.	0	Materials that will not burn.	0	Materials which are normally stable, even under fire exposure conditions, and which are not reactive with water.



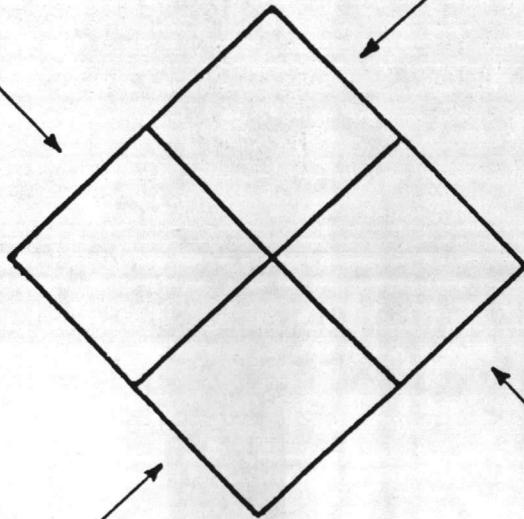
HAZARDOUS MATERIAL INFORMATION CARD

HEALTH HAZARD

- 4 Deadly
- 3 Extreme Danger
- 2 Hazardous
- 1 Slightly Hazardous
- 0 No Hazard

FIRE HAZARD (FLASH POINTS)

- 4 Below - 73 degrees F
- 3 Below - 100 degrees F
- 2 Below - 200 degrees F
- 1 Above - 200 degrees F
- 0 WILL NOT BURN



SPECIFIC HAZARD

- OXIDIZER - OXY
- ACID - ACID
- ALKALI - ALK
- CORROSIVE - COR
- USE NO WATER W

REACTIVITY

- 4 May Detonate
- 3 Shock and Heat may Detonate
- 2 Violent Chemical
- 0 Stable

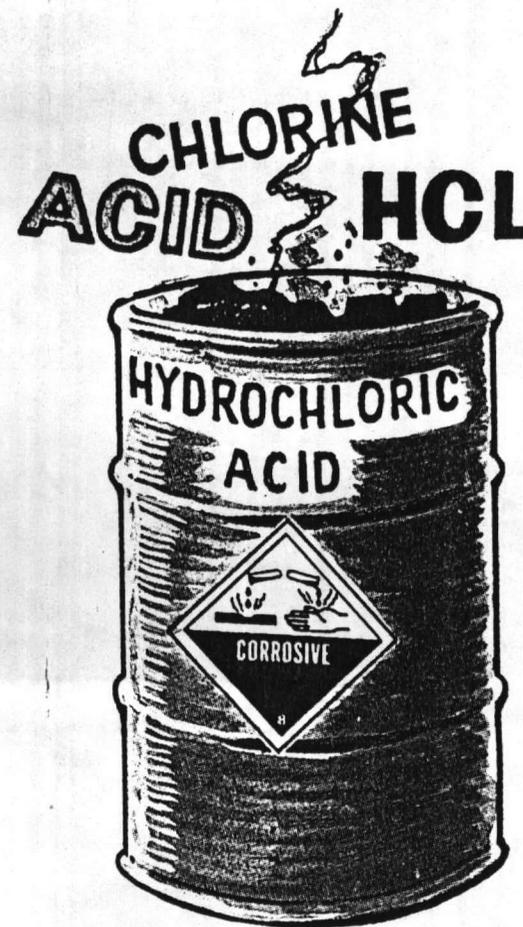


**KNOW THE HAZARDS
ASSOCIATED WITH
CHEMICALS IN STORAGE**

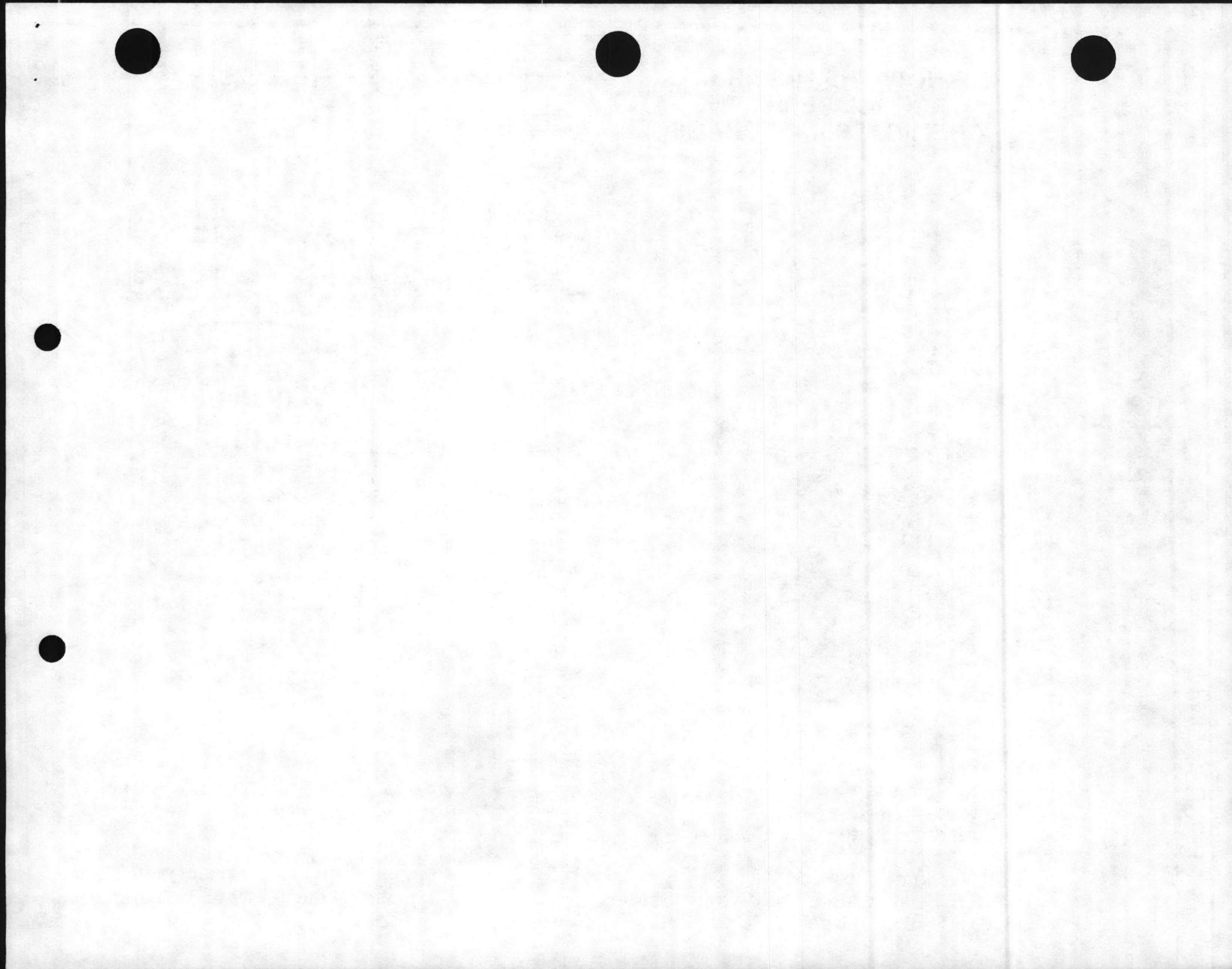


- Burning chemicals can:
 - Give off intense heat.
 - Produce heavy smoke.
 - Spread rapidly to other areas.
- Applies to all chemicals with a DOT FLAMMABLE AND COMBUSTIBLE LIQUID shipping labels.

TOXIC FUMES/GASES



- Some chemicals will break down into corrosive or poisonous gases/fumes.
- Applies to hazardous materials labeled: TOXIC, POISON, RADIOACTIVE, ETIOLOGIC AGENTS and others.



EVAPORATION



- Some chemicals evaporate making the work area unsafe... flammable!!!
- Evaporation is increased by elevated temperatures.

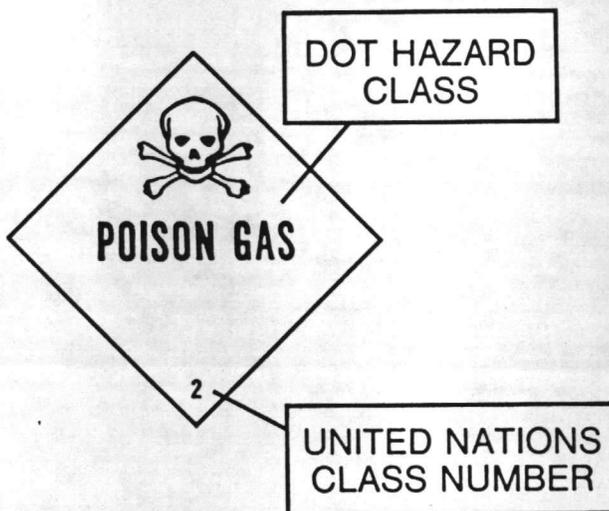
EXPLOSIONS



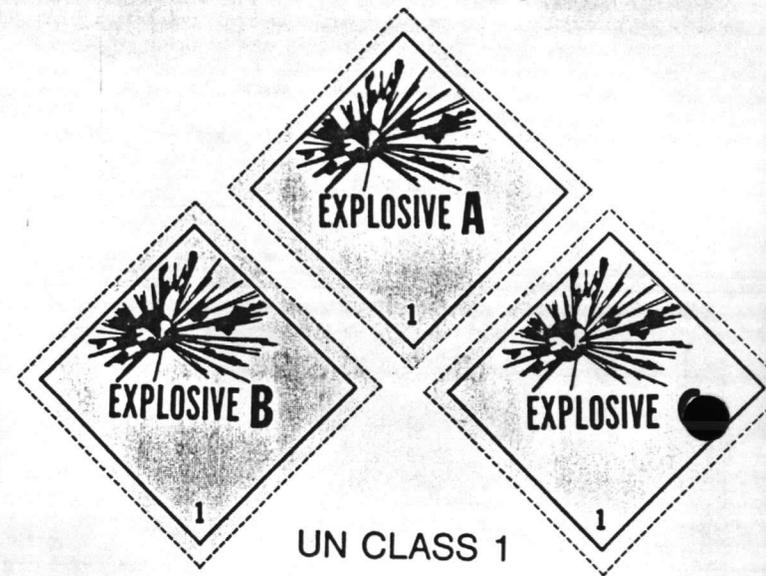
- Some chemicals will EXPLODE in the presence of heat or flame.
- Applies to hazardous materials labeled: EXPLOSIVE, FLAMMABLE LIQUID/SOLID, COMPRESSED GASES, and others.



The U.S. Department of Transportation (DOT) requires that one or more hazardous materials warning labels be affixed to the containers. Each label includes the DOT HAZARD CLASS and the UNITED NATIONS (UN) IDENTIFICATION NUMBER as a means of describing the nature of the hazards involved.



EXPLOSIVES



- Examples:
 - A Dynamite
 - B Propellants or Flares
 - C Common Fireworks
- EXPLOSIVE A Items capable of exploding with a small spark, shock, or flame and spreading the explosion hazard to other packages.
- EXPLOSIVE B Items are very rapidly combustible.
- EXPLOSIVE C Items are a low hazard but may explode under high heat when many are tightly packed together.

HAZARDS/PRECAUTIONS

- No immediate health hazard.
- No flares, smoking, flames, or sparks in the hazard area.
- May explode if dropped, heated or sparked. (Applies only to Explosive

ENCLOSURE [1]



COMPRESSED GASES



UN CLASS 2

- Examples:
Acetylene
Chlorine
Oxygen
Cyclopropane
Arsine

- Items requiring storage and handling under pressure in compressed gas cylinders.

HAZARDS/PRECAUTIONS

- Container may explode in heat or fire.
- Contact with liquid may cause frostbite.
- May be flammable, poisonous, explosive, irritating, corrosive or suffocating.
- May be EXTREMELY HAZARDOUS.

FLAMMABLE LIQUID



UN CLASS 3

- Examples:
Ether
Acetone
Gasoline
Toluene
Pentane

- Liquids with a flash point less than 100°F.

HAZARDS/PRECAUTIONS

- No flares, smoking, flames, or sparks in the hazard area.
- Vapors are an explosion hazard.
- Can be poisonous; check labels.
- If it is poisonous, it can cause death when inhaled, swallowed or touched.



FLAMMABLE SOLID



UN CLASS 4

Examples:

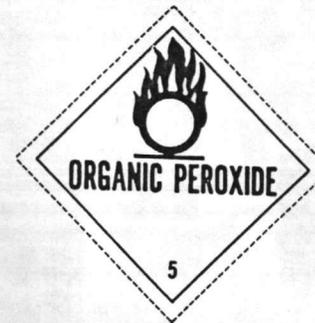
Calcium resinate
Potassium, metal
Sodium amide

- Any solid material which, under certain conditions, might cause fires or which can be ignited readily and burns vigorously.

HAZARDS/PRECAUTIONS

- May ignite when exposed to air or moisture.
- May re-ignite after extinguishing.
- Fires may produce irritating or poisonous gases.
- Contact may cause burns to skin or eyes.

OXIDIZING MATERIAL



UN CLASS 5

Examples:

Calcium permanganate
Calcium hypochlorite
Barium perchlorate
Hydrogen peroxide
Ammonium nitrate

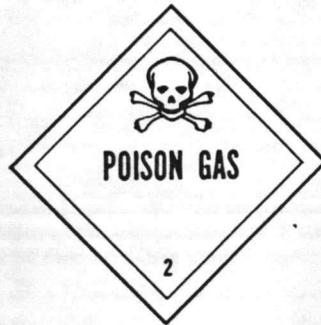
- These items are chemically reactive and will provide both heat and oxygen to support a fire.

HAZARDS/PRECAUTIONS

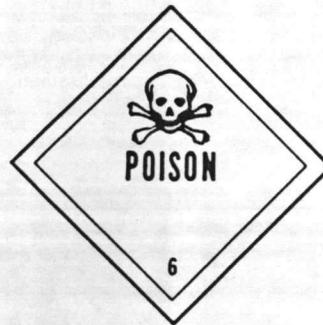
- May ignite combustibles (wood, paper, etc.).
- Reaction with fuels may be violent.
- Fires may produce poisonous fumes.
- Vapors and dusts may be irritating.
- Contact may burn skin and eyes.
- Peroxides may explode from heat or contamination.



POISONOUS MATERIAL



CLASS A



CLASS B

UN CLASS 2 OR 6

Examples:

Cyanogen gas
Lead cyanide
Parathion

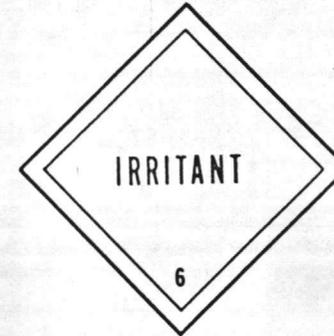
- Items are extremely toxic to man and animals.

HAZARDS/PRECAUTIONS

- May cause death quickly if breathed, swallowed or touched.
- May be flammable, explosive, corrosive, or irritating.
- May be EXTREMELY HAZARDOUS.
- Look for the "Skull and Crossbones" on the label.
- Degree of Hazard Key Words:

"Poison"	Highly toxic
"Danger"	Moderately toxic
"Warning"	Least toxic
- Read the label carefully for storage and safety information.

IRRITATING MATERIAL



UN CLASS 6

Examples:

Tear gas
Riot control agent

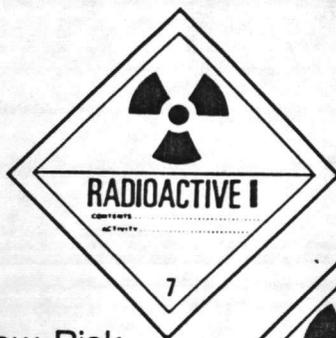
- Items capable of causing discomfort such as tearing, choking, vomiting and skin irritation.

HAZARDS/PRECAUTIONS

- May cause difficulty in breathing.
- May burn but do not ignite readily.
- Exposure in enclosed areas may be harmful.
- May cause tearing of the eyes, choking, nausea or skin irritation.



RADIOACTIVE MATERIALS



Low Risk



Medium Risk



High Risk

UN CLASS 7

Examples:

Thorium 232
Carbon 14
Radium 226

- Degree of hazard will vary depending on type and quantity of material.

HAZARDS/PRECAUTIONS

- Avoid touching broken or damaged radioactive items.
- PERSONS HANDLING DAMAGED ITEMS MUST WEAR RUBBER OR PLASTIC GLOVES.
- Damaged items will be monitored and safely packaged under the surveillance of the radiological monitor.
- Persons having come in direct contact with damaged or broken radioactive items will move away from the spill site (but stay in the area) to be monitored and decontaminated.

CORROSIVES



UN CLASS 8

● Examples:

Sodium hydroxide
Hydrochloric acid
Alkaline liquid

- Items include materials that causes destruction to human tissue and corrodes metal (i.e., steel) upon contact.

HAZARDS/PRECAUTIONS

- Contact causes burns to skin and eyes.
- May be harmful if breathed.
- Fire may produce poisonous fumes.
- May react violently with water.
- May ignite combustibles.
- Explosive gases may accumulate.



OTHER REGULATED MATERIAL

ORM - E

ORM-E

● Examples:

Potassium chromate
 Ferric fluoride
 Ferrous sulfate
 Hazardous waste

- A material that is NOT included in any other hazard class, but is subject to the transportation requirements because they are "Hazardous Wastes" or "Hazardous Substances".

REPORTABLE QUANTITY (RQ) ORM MATERIALS

(RQ) ORM-A

(RQ) ORM-B

(RQ) ORM-E

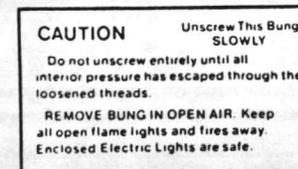
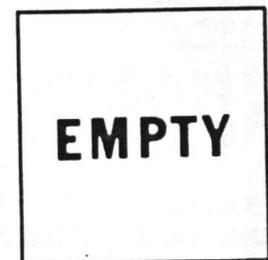
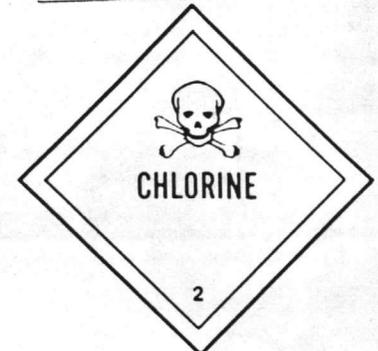
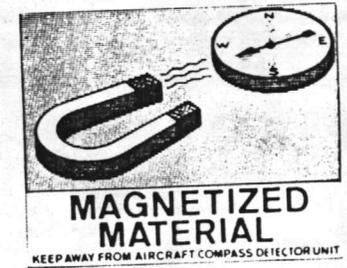
HAZARDOUS SUBSTANCE LIQUID N.O.S.
(RQ) ORM-E
NA 9188

HAZARDOUS SUBSTANCE SOLID N.O.S.
(RQ) ORM-E

RQ relates to harmful quantities that require immediate notification in the event of a spill.

OTHER LABELS

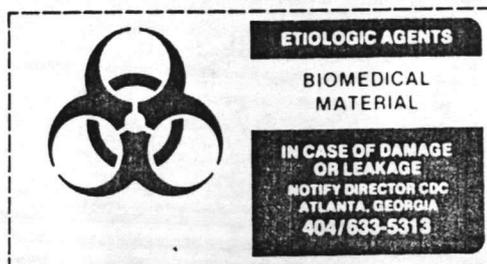
To be used with other hazardous materials, packages.



ENCLOSURE (11)



BIOMEDICAL MATERIALS



DOT LABEL

- Examples:
Live virus vaccines
Etiologic agents, n.o.s.
- Items that can cause human disease (Infectious/Etiological agent).

HAZARDS/PRECAUTIONS

- May be ignited if carrier is flammable.
- Contact may cause infection/disease.
- Damage to outer container may not effect inner container.

DANGEROUS WHEN WET



DOT LABEL

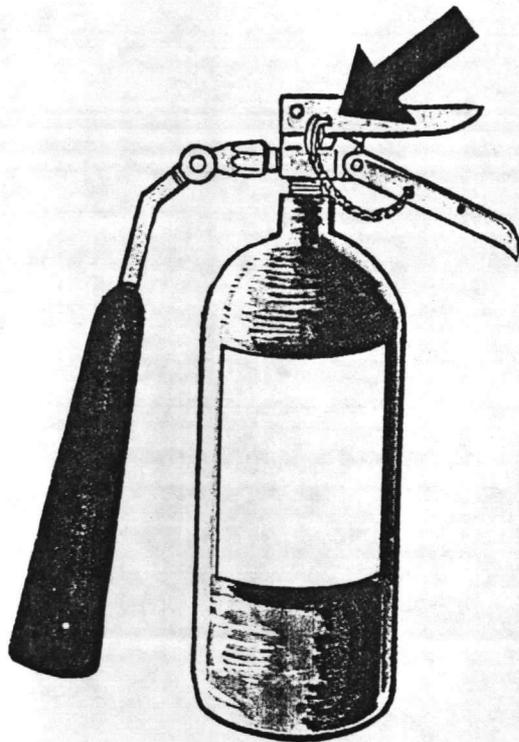
- Examples:
Magnesium, metal
Aluminum phosphide
Lithium hydride
Calcium carbide
- These items include flammable solids that are reactive, with water.

HAZARDS/PRECAUTIONS

- May ignite in presence of moisture.
- Contact with water produces flammable gas.
- May re-ignite after fire is extinguished.
- Contact may cause burns to skin and eyes.
- Skin contact may be poisonous.
- Inhalation of vapors may be harmful.
- Prohibit flames or smoking in area.



KNOW YOUR FIRE EXTINGUISHERS

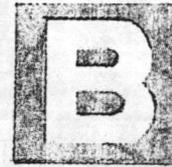


- Keep them ready to go!
- Know WHERE THEY ARE LOCATED.
- Know HOW TO USE them.
- The following information can help you select the correct extinguisher for the fire you plan to put out.

FOUR "CLASSES" OF FIRE



ORDINARY COMBUSTIBLES
(wood/paper/textiles...)



FLAMMABLE LIQUIDS
(gasoline/oils/grease...)



LIVE ELECTRIC
(wiring/generators/motors...)

COMBUSTIBLE METALS
(Finely divided form/chips/
turnings...)

- You MUST know what's burning BEFORE you grab that fire extinguisher.



USE THE RIGHT TYPE EXTINGUISHER

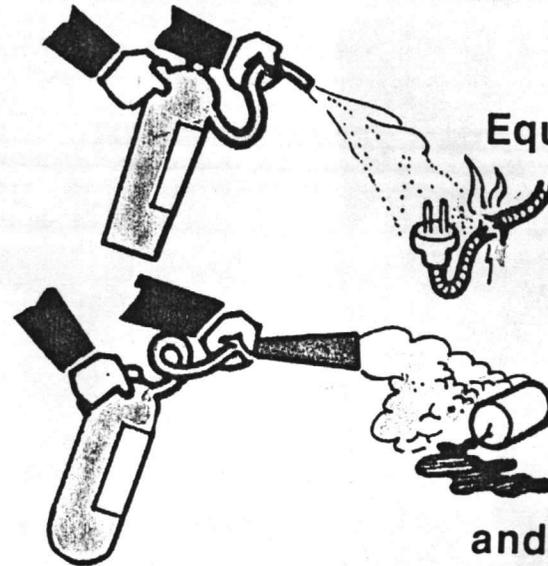
USE
WATER TYPE



for
Ordinary
Combustible Fires

- Class A fires burn deep below the surface. WATER cools and soaks in.
- Direct water stream at base of fire using side-to-side motion.

USE REGULAR
DRY CHEMICAL
TYPE



for
Electrical
Equipment Fires

and for
Flammable
Liquid Fires

USE
CO₂ TYPE
Carbon Dioxide

- DO NOT use water on flammable liquid fires (SPLASHES/SPREADS) or electrical fires (SHOCK).
- APPLY DISCHARGE (DRY CHEMICAL or CO₂) using side-to-side motion.
- WHEN FIRE IS OUT.....CONTINUE DISCHARGE TO PREVENT REFLASH.
- ON ELECTRICAL FIRES... SHUT OFF power as soon as possible.



USE MULTI-PURPOSE DRY CHEMICAL TYPE



A
B **C**

- for Ordinary Combustible Fires
- for Flammable Liquid Fires
- for Electrical Equipment Fires

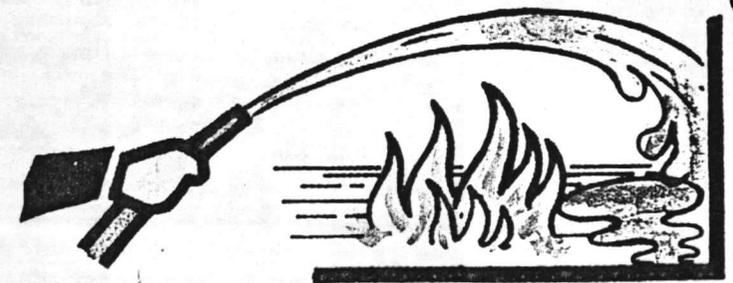
- CLASS B AND C FIRES... apply dry chemical with quick side-to-side motions. Allow discharge stream to fan out.
- CLASS A FIRES... coat exposed surfaces with dry chemical and stand by in case of rekindling.

USE FOAM TYPE



for
Flammable
Liquid Fires

- Avoid splashing fire - curve foam upward so it FALLS LIGHTLY.
- Blanket all surfaces with foam.



OR - Direct stream at floor or wall so foam spreads naturally onto fire. Move around for good coverage.



USE DRY POWDER TYPE EXTINGUISHANTS



**for Combustible Metal Fires
(These metals, in finely divided
form, need special fire attack.)**

- Special Dry Powder Extinguishants are used for designated metals - may be applied by scoop, shovel or extinguisher.
- CLASS D FIRES burn with great intensity and must be controlled only with the proper dry powder extinguishants.





UNITED STATES MARINE CORPS
10th Marines, 2d Marine Division, FMF
Camp Lejeune, North Carolina 28542-5515

IN REPLY REFER TO

6240
S-4
2 Jun 87

From: Commanding Officer, 10th Marines
To: Distribution list

Subj: REGT HW NOTICE 5-87: MOTOR TRANSPORT FUEL FARM AND LUBE POINT
HAZARDOUS WASTE (HW) INFORMATION (EXCEPT FROM REGTO P4020.1A)

Ref: (a) BO 6240.5A
(b) BO 11090.1B

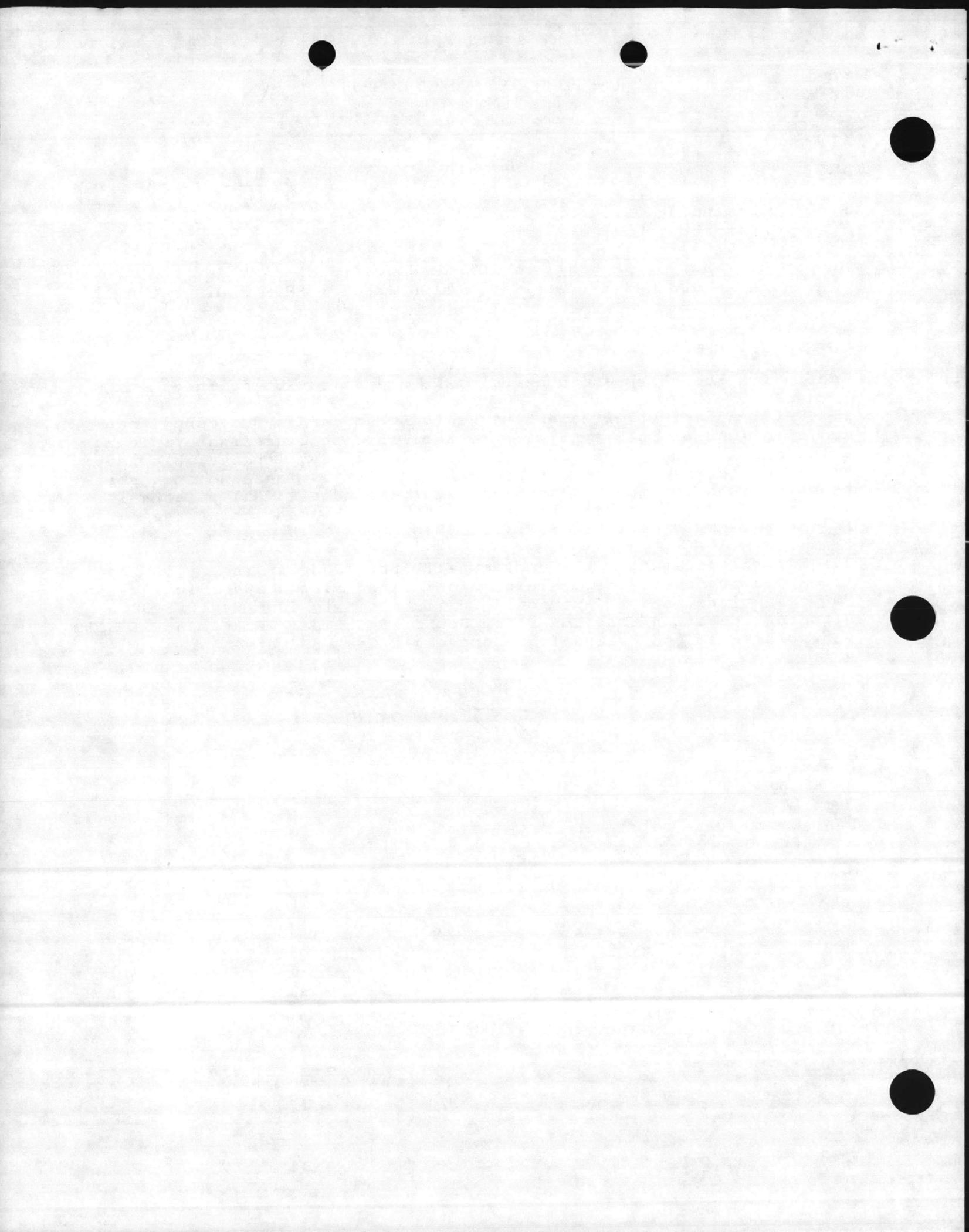
Encl: (1) Fuel Farm and Lube Point HW and Safety Guidelines

1. Until a Regimental Hazardous Waste SOP order is published, periodic notices of this type will be published to disseminate information and guidance necessary for each unit to develop a viable hazardous waste (HW) management program. Copies of these notices shall be maintained in appropriate turnover files of all (HW) personnel. Missing or additional copies may be obtained by contacting the Regimental HMDO, Capt HIGGINS (ext. 3467/3933).

2. Per the reference, the enclosure is provided for incorporation into your turnover files. This information relates specifically to POL operations, and is extracted in its entirety from RegtO P4020.1A: Standing Operating Procedures for Sound Logistical Management of Bulk Vehicular Fuel and Cylindrical Compressed Gas Products.

E. M. Campbell
FOR E. M. CAMPBELL
By direction

Distribution:
Bn HMDO's
Regt MTO
Regt CommO
Regt EngrO



SOP FOR FUEL OPS

CHAPTER 6

GASOLINE AND OIL SPILL PREVENTION, CONTAINMENT, CLEANUP, AND DISPOSAL GUIDELINES

6000. GENERAL INFORMATION

1. Base Orders 6240.5 and 11090.1 place impetus on a continuing policy for active participation by all units in environmental abatement planning and programming action. The intent of this policy is to facilitate action for the routine monitoring, continuing surveillance, appropriate upchannel reporting sequence, and strict enforcement of unauthorized discharges of petroleum-related products. The discharging of petroleum-related products or any hazardous material into grounds and streams aboard the Base is strictly prohibited. Hazardous material includes many packaged POL products which contain harmful chemicals such as brake fluid, antifreeze, etc.
2. Information contained in this chapter must be reviewed and understood thoroughly, for any Marine who fails to follow established procedures may be subjected to both civil and/or criminal penalties.

6001. RESPONSIBILITIES

1. Commanding Officers. Base Order 11090.1 indicates that the prevention of petroleum-related product spills and any resultant environmental damage is the responsibility of all Commanders. Specific responsibilities entail:
 - a. Reviewing and reestablishing (as necessary) operational procedures and guidelines which cover all aspects of petroleum and hazardous material spill prevention.
 - b. Conducting periodic inspections at Command areas and facilities which are susceptible to spillage (i.e. fuel farms, lube and oil storage points, motor transport maintenance bays, etc.).
 - c. Establishing local standing procedures for spill/pollution prevention, containment, etc. which amplify guidance provided in this order and Base Orders 6240.5 and 11090.1.
 - d. Ensuring that an adequate training plan is in effect which indoctrinates all personnel with regard to the environmental consequences of petroleum-related and hazardous material spills along with proper procedures for containment, cleanup, and disposal.
 - e. Appointing Hazardous Waste (HW) Managers to serve as points of contact on all matters related to petroleum and hazardous material spillage and ensuing environmental consequences.
2. Hazardous Waste (HW) Managers. Within Tenth Marines, HW Managers are assigned at both the Regimental and Battalion-level.

a. Regimental HW Manager. The Regimental MMO or MTO normally is assigned to this additional duty. His primary function is to serve as a communication link between the Battalion HW Managers and higher authority (i.e. Division G-4, Base Fire Dept, etc.). Specific responsibilities entail:

(1) Ensuring overall Regimental compliance with this order and Base Orders 6240.5 and 11090.1.

(2) Informing Battalion HW Managers of applicable changes or revisions in petroleum/hazardous material handling and disposal procedures as deemed by higher authority.

(3) Identifying training requirements for personnel within the Regiment who work routinely with petroleum/hazardous material products.

(4) Keeping the Regimental S-4 Officer abreast of problematic areas which require major assistance from higher authority.

b. Battalion HW Managers. The Battalion MMO is normally assigned this duty. His primary function is to provide immediate supervision over the Commodity Managers who routinely work with petroleum/hazardous materials in their shops. Responsibilities entail:

(1) Ensuring that shop-level training is being conducted as identified by the Regiment.

(2) Conducting weekly inspections of all areas where petroleum/hazardous materials are stored or worked with. A log of these inspections is required by BO 6240.5 and this record must contain the following:

(a) Date and time of the inspection

(b) Name(s) of the inspector(s)

(c) Notation of discrepancies observed

(d) Date and nature of corrective action taken

(3) Ensuring that all means are being taken at the shop-level for the prevention of petroleum leaks and spills.

(4) Ensuring that adequate supplies of containers and safety and handling equipment are readily available within the various shops for the use by all personnel.

(5) Assisting in the arrangement of transportation for those waste materials requiring special handling.

(6) Informing Commodity Managers of applicable changes or revisions in petroleum/hazardous material handling and disposal procedures as handed down from the Regimental HW Manager.

(7) Keeping the Battalion S-4 Officer and Regimental HW Manager abreast of problematic areas which require major assistance from higher authority.

6002. GENERAL GUIDELINES. The following guidelines are to be observed by all personnel who work with petroleum-related products. Refer to BO 11090.1 for further guidance.

1. Reporting Procedures for Contained Products. All initial telephonic and written correspondence concerning the spillage containment, cleanup, or disposal of petroleum-related products and other hazardous materials shall be reported via Chain of Command as dictated in the following situations.

a. Waste Lubrication Grease/Oil. To meet environmental (as well as energy conservation) standards, all lubes shall be collected and stored in suitable containers. Requests for disposition instructions shall be submitted to Division G-4 (Attn: FacO/HMDC) via Regimental S-4 (HW Mgr).

b. Oil-Saturated Soil. All saturated soil in the vicinity of POL issue points or fuel farms shall be removed to the Base sanitary landfill and replaced with fresh earth.

c. In-Storage Contaminated Gasoline. Requests for disposition instructions shall be submitted to Division G-4 (Attn: FacO/HMDC) via Regimental S-4 (HW Mgr).

d. Emptied Petro Product Storage Containers. The empty containers shall be disposed of at the Base sanitary landfill. The single exception is for 55-gallon oil drums which shall be turned in to DRMO *AFTER TRIPLE-RINSING*.

e. Excess or Waste Packaged Petro Products of Hazardous Nature. Items such as electrolyte, cleaning solvent, or antifreeze are not authorized for disposal into sinks, storm drains, etc. Products of this nature shall be segregated and stored in suitable containers. Request for disposition instructions shall be submitted to Division G-4 (Attn: FacO/HMDC) via Regimental S-4 (HW Mgr).

2. Reporting Procedures for Spilled Products. Seriousness of the situation at hand may invariably preclude the reporting of a petroleum-related spill through the normal Chain-of-Command. Nonetheless, once the Base Fire Department has been notified about a serious spill, the Regimental S-4 Officer shall be immediately contacted thereafter.

SOP FOR FUEL OPS

a. Immediate Action

- (1) Secure the area and stop all traffic in or near the vicinity.
- (2) Exert every means to contain the spill in one area.
- (3) For spills less than one gallon, notify the Base Environmental Affairs Division (ext. #5003).
- (4) For spills greater than one gallon, notify the Base Fire Department (ext. #3333).
- (5) Do not attempt to flush the spill into the storm sewer or drainage ditch; standby until Fire Dept or Environmental Affairs personnel arrive.

b. Emergency Action. Certain sizes of spills involving certain substances may warrant instantaneous responses from personnel within the immediate area. These situations will not be dwelled on in this section, however, enclosure (2) of BO 11090.1 should be consulted when reviewing the courses of emergency action to be taken during spills of extremely serious nature.

6003. MISCELLANEOUS

1. Records. All records relating to shop inspections, training sessions, work requests, HMDC and Environmental Affairs reports, etc. shall be retained on file for a minimum of three years.

2. Labels and Signs

a. Containers. Containers which hold waste products must be labeled with the correct substance (stiff penalties could be imposed for nonadherence).

b. Petro & HM Issue/Usage Points. Signs shall be posted in every building, fuel farm, and field service location where petroleum/hazardous material products are used. The sign shall have a yellow background with black lettering indicating the following information:

IN CASE OF AN OIL, GASOLINE OR HAZ-
ARDOUS MATERIAL SPILL, CALL BASE
FIRE DEPARTMENT (ON BASE: 3333/OFF
BASE: 451-3333). NOTIFY YOUR S-4
OFFICER OR OOD IMMEDIATELY.

3. Reportable Substances. The following products are among the most widely used petro/HW-related substances which must be reported if spilled on the ground or in water streams in any amount:

LUBE OILS
MOGAS
DIESEL FUEL
LUBE GREASE
HYDRAULIC FLUID
ACIDS (all types)

PAINT THINNER
ELECTROLYTE
ORGANIC SOLVENTS
CLEANING SOLUTIONS
POISONOUS CHEMICALS (all types)
BRAKE/TRANSMISSION FLUIDS

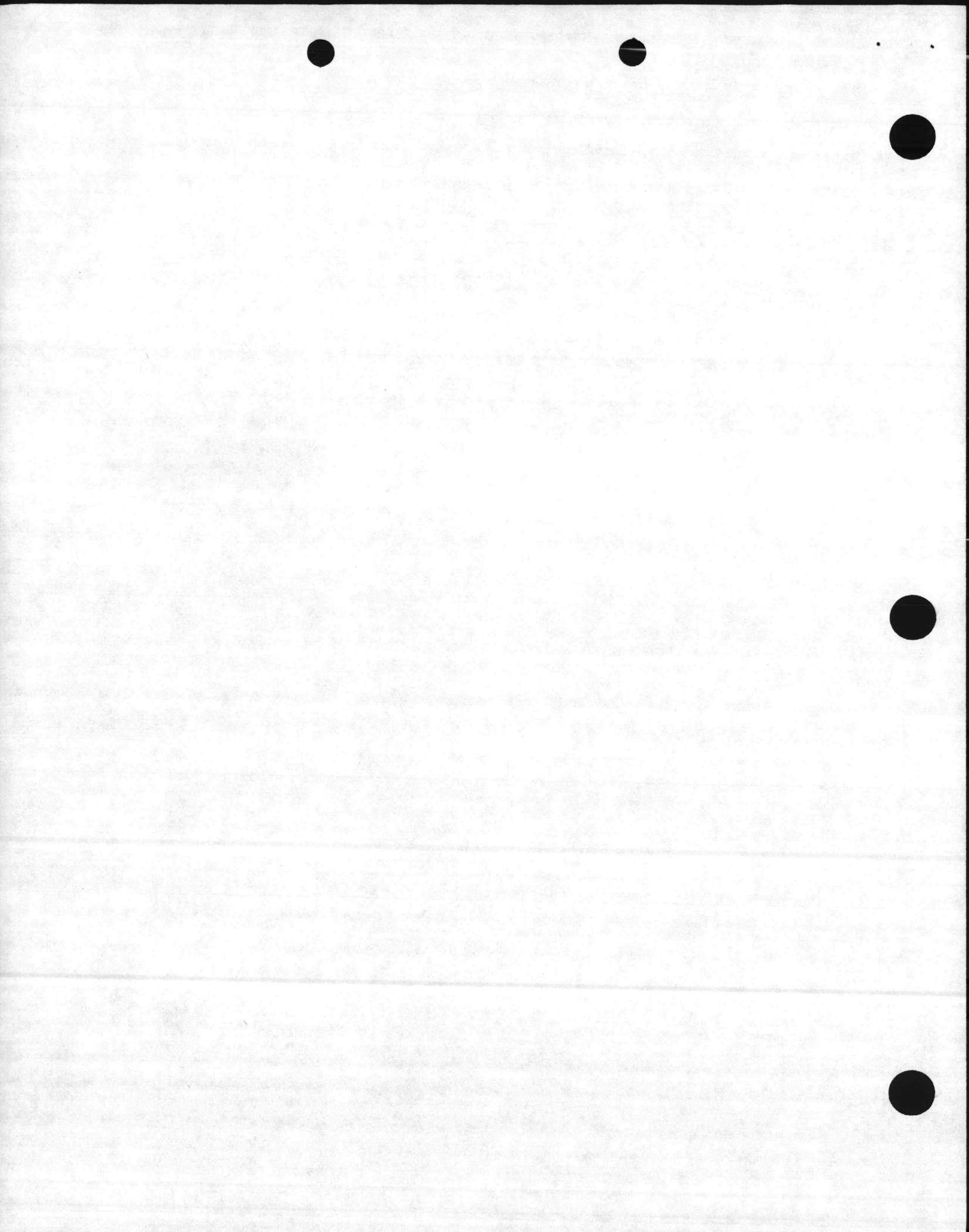


SOP FOR FUEL OPS

CHAPTER 7

SAFETY PRINCIPLES

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SOP FOR FUEL OPS

CHAPTER 7

SAFETY PRINCIPLES

7000. POLICY. Marine Corps safety policy has been to aid in the conservation of personnel and material to the maximum degree through the strict application of effective, comprehensive, and ongoing safety and health programs developed from OSHA and other required safety-related standards. Adherence to this policy can only be implemented when each Marine has a clear and defined knowledge of job-related potential hazards and a practical understanding of the strategies necessary to prevent them. This is particularly critical for personnel working in fuel farms where more hazards exist than in almost any other occupation. Accidents occurring in POL-related operations could be prevented if the full cooperation of all Marines is gained and scrupulous vigilance is exercised in helping to eliminate unsafe conditions and unsafe practices.

7001. RESPONSIBILITIES

1. General Information. Ultimately, it is the responsibility of all personnel to observe the standards and regulations established for the prevention of injury to themselves and others, or damage to property, equipment, or the environment. In order to exploit every possible means to create safer surroundings, it is incumbent upon each individual to remain alert and cognizant of potential dangers, and to promptly identify and report these problems. There are so many hazards in the fuel farm and refuelers (ranging from fires to the fuel itself) that every Marine employed there or who obtains service from this area are all in charge of safety.

2. Commanding Officers. Commanders are responsible for incorporating/enforcing safe practices, and establishing/maintaining safe physical standards in all POL-related operations conducted under their cognizance. Commanders shall ensure that a viable POL-operations safety program is established and is used in initiating corrective action necessary for the elimination and/or control of all inherent hazards.

3. Unit Safety Manager. The unit Safety Officer is appointed in writing and is responsible to the Commanding Officer for implementing and maintaining the unit safety program. In the area of POL operations, the unit Safety Manager shall:

a. Conduct periodic inspections using the comprehensive safety checklist contained in appendix .

b. Assist the Motor Transport Officer in developing a viable safety training and education program concerning the hazards of working in a fuel farm and handling POL-related products.

c. Ensure that POL-related hazards are topics incorporated into local safety SOP's and serve as discussion points during local and higher command Safety Councils and Committee meetings.

4. Motor Transport Officers/Shop Supervisors. The supervisor is the key person in a successful, aggressive safety program for he is responsible for the following key specific areas:

a. Ensuring that new fuel farm attendants and refueler operators are indoctrinated to existing safety rules and accident reporting procedures.

b. Conducting scheduled inspections using the safety checklist contained in appendix X.

c. Reviewing present accident control measures and standards and proposing recommendations via the chain-of-command for improvement of safety devices, personal protective equipment, or methods of operation.

d. Providing the necessary personal protective equipment, safety-related supplies, and safety instructional manuals for fuel farm attendants or refueler operators to conduct their work in a safe, well-protected environment.

e. Reporting all mishaps through the appropriate chain, taking corrective action on those whose causes can be determined, and requesting prompt assistance on those mishaps in which the causes cannot be readily determined.

7002. IDENTIFICATION OF HEALTH HAZARDS. The danger of working with petroleum-related products is not just limited to fires, although that is the most obvious danger. The product itself can be severely hazardous to health as it may take form in one or more of the following properties:

1. Poison/Toxic. These gases or vapors effect the body in a variety of ways ranging from injury to bones and tissue to the destruction of internal organs. Toxic effects will show up only after prolonged exposure to a particular substance, two of the most dangerous being hydrogen sulfide gas or vapors (found in high sulfur content crude oil) and tetraethyl lead vapor (from leaded mogas).

2. Asphyxiant. This is a gas or vapor which prevents the lungs, and in extreme cases, the blood from getting the necessary oxygen to sustain life within the organs of the body. Three common asphyxiants are methane, acetylene, and carbon monoxide gas.

3. Anesthetic. An anesthetic gas or vapor affects the central nervous system to such a point that respiratory failure could occur at any time. The effects are narcotic and depressing in nature. The most narcotic are acetone, ether, and mogas. The narcotic effects of mogas increase with aromatic content.

4. Irritant. This is a gas or vapor which can inflame the lungs or respiratory tract, and can be a cause of pneumonia and other pulmonary diseases. Flammable gases and vapors are irritants (whether they are poisonous or narcotic).

7003. GENERAL FIRST AID INFORMATION. Victims of petroleum-related accidents require immediate attention. In each of the instances listed below it is imperative that a physician be contacted immediately to render assistance.

1. Inhalation. Inhalation of petroleum products can cause dizziness, nausea, and headaches; large amounts could cause unconsciousness. Nauseated victims should be moved from the area immediately; unconscious victims should be removed from the danger area and administered artificial respiration.

2. Imbibition. In most instances, the swallowing of a petroleum-related product is fatal. In the event that swallowing does occur, every precaution necessary must be taken for keeping the victim calm. The victim shall be forced to consume at least one pint of water or milk as a means of diluting the fuel. Vomiting shall not be induced as this would further irritate the victim's throat.

3. Contact with Eyes. Severe eye damage can result when someone's eyes come in direct contact with petroleum-related products. The first step involves a 10 minute flushing of the victim's eyes with water, followed by the covering of both eyes with dressing material or clean cloth. At this point, the victim should be kept calm until medical personnel arrive to render assistance.

4. Contact with Skin. Flammable liquid petroleum causes skin contamination in that natural oils and fats on the skin are dried up resulting in a condition known as dermatitis (unnatural skin openings or lesions which increase the victim's chances of receiving infection). Petroleum spilled onto the skin should be immediately washed off with soap and lukewarm water.

5. Contact with Clothes (large amount). If the victim's clothing is soaked with fuel, care must be exercised to ensure that the clothing is drenched with water prior to it being taken off. If water is not available, the victim must temporarily ground himself by holding a piece of grounded equipment with one hand and removing his clothes with the other. This grounding protects the victim from the danger of a static spark igniting his clothes during removal.

7004. MISCELLANEOUS PROCEDURES

1. Records and Files

a. General Safety. In conjunction with the requirement of maintaining HMDC and environmental affair reports for a minimum of three calendar years, all safety records (inspections, mishap reports, general information correspondence, etc.) shall be retained for at least three years as well.

b. Medical Certificates. Files need to be maintained on those personnel assigned to operating M49 refueler trucks.

The files must contain updated medical certificates which attest that the individuals passed their physical examination and are qualified for operating refueler trucks. This medical certificate shall be updated annually.

2. Accident Reporting Procedures. The methods for proper reporting of accidents are contained in MCO 5101.8, ForO P5100.6, and DivO P5100.9. The ultimate success or failure of a unit's accident prevention program hinges on the unit's ability to promptly and accurately document reportable accidents from which useful knowledge can be derived and applied toward the prevention of future recurrences.

3. Inspections. The various types of formal and informal inspections which occur on a continuing basis are discussed in chapter 1 of this order. The safety checklist contained in appendix X shall be used by units conducting their own local inspections.

SOP FOR FUEL OPS

APPENDIX X

SAFETY CHECKLIST FOR FUEL OPERATIONS

1. FUEL FARMS AND MOTOR TRANSPORT MAINTENANCE FACILITY AREAS

a. Is the storage and handling of POL-related products under the supervision of trained personnel qualified in its safe handling and use?

b. Are fuel farm attendants and other personnel regularly engaged in flammable fuel handling operations prohibited from carrying matches and pocket lighters containing flammable liquids and matches?

c. Do these personnel wear coveralls during their operations and are these coveralls frequently laundered?

d. Are the fuel farm attendants and vehicle operators familiar with the operation of the vehicle fire extinguishing equipment and prepared to use it in case of an actual fire?

e. Are CO or dry chemical fire extinguisher units maintained within all Government vehicles?

f. Are passengers removed from the vehicle prior to it being refueled?

g. Except during emergency situations, is the refueling of vehicles containing ammunition or other explosives prohibited?

h. Is the dispensing nozzle attended to at all times when in use?

i. Are motors and lights shut off during refueling?

j. Is the fuel farm designated as a "RESTRICTED AREA" and are signs posted to support this?

k. Are "DANGER: NO SMOKING WITHIN 50 FEET" signs posted around the fuel farm and is this regulation enforced?

l. Are low speed limit (5 MPH) signs posted and is this regulation enforced?

m. Are adequate "aisleways" made to and from the fuel farm for unobstructed movement of personnel and fire fighting equipment in case of fire?

n. Are serviceable CO or dry powder fire extinguishers stationed within 75 feet of the fuel pumps, lube dispensing, and storage rooms/cages?

SOP FOR FUEL OPS

- o. Is the ground area of the fuel farm kept free of weeds, trash, and combustible materials?
- p. Are emergency drainage systems equipped with serviceable traps or separators?
- q. Is fuel pump dispensing equipment checked at regular intervals for leaks at pipe connections, stuffing box, and meter?
- r. Are safety drip pans used at the dispensing points and are they routinely emptied in a "waste" drum which is appropriately labeled and properly sealed?
- s. Is the dumping of crankcase drainings and flammable or combustible liquids into sewers or sink drains strictly prohibited?
- t. Are only non-flammable safety solvents used for cleaning and the use of mogas or diesel fuel prohibited?
- u. Is the handling of fuel in open containers prohibited?
- v. Do portable storage containers not exceed a five gallon capacity?
- w. Are portable storage containers constructed of metal, fitted with tight closures with screwed or springed covers, and fitted with spouts so that the contents can be poured without spilling?
- x. Are all portable containers labeled as to appropriate contents (e.g. yellow can with "GASOLINE" stenciled in black letters)?
- y. Are empty containers thoroughly cleaned of hazardous vapors and properly sealed prior to storage or disposal of?

2. PACKAGED POL AND COMPRESSED GAS BOTTLE STORAGE AREAS

- a. Are storage lockers (cages/conex boxes) approved by Base Fire Dept?
- b. Are storage lockers located at a minimum of 25 feet from the closest building?
- c. Are storage lockers painted yellow and have warning signs: "DANGER: FLAMMABLE MATERIALS - NO SMOKING WITHIN 50 FEET" posted on all sides?
- d. Is all material sealed and stacked in a secure manner?
- e. Are compressed gas bottles wiped free of oil and grease, stored in a dry, well-ventilated area, and kept at a minimum of 25 feet from combustible material?
- f. Are the bottles stood upright and in a position so they cannot be knocked over, toppled, or rolled?

SOP FOR FUEL OPS

- g. Is DSSC contacted when leaking or damaged bottles or valves are discovered?
- h. Are bottles marked with identification as to its proper content?
- i. Are empty bottles tagged as "EMPTY" and segregated from full bottles (separate storage)?
- j. Are valve protection caps always in place for empty bottles or full bottles which are maintained in storage or not in use?
- k. Are oxygen bottles stored away from grease or oil?
- l. Are combustible gases stored separately from oxidizing gases (oxygen)?
- m. When bottles are moved to and from storage via handtrucks, are they securely held in position by chains, steel strapping, or other means that will prevent falling?
- n. Are CO fire extinguishers readily available at the storage sites?

3. M49 REFUELER TRUCKS

- a. Are routine Motor Transport safety/PM inspections made on the refueler daily prior to driving or operating?
- b. Is the refueler truck parked at a minimum of 100 feet from buildings when not in use?
- c. Is the refueler operator familiar with the operation of the vehicle fire extinguisher equipment and prepared to use it in case of an actual fire?
- d. Is the refueler's dry chemical fire extinguisher always full and serviceable, and is it fastened to the vehicle?
- e. Prior to filling the storage tank, are the engine and lights always turned off?
- f. Is the refueler always attended to while refueling or defueling is occurring?
- g. If splashing or spillage occurs, is the vehicle washed down (area that was saturated) after the fuel is allowed to evaporate?
- h. Are the use of open flames strictly prohibited when visually checking the fuel level within the storage tank of the refueler?
- i. Is the gage hatch firmly shut prior to the engine being re-started?

SOP FOR FUEL OPS

j. Are refuelers with leaky, defective pumping equipment dead-lined and placarded?

k. Are the doors to the hose compartment closed when not in use?

l. Is dispensing from the refueler done in a secluded, open area?

m. Is the dispensing hose less than 50 feet in length?

n. Is the dispensing nozzle an automatic-closing type without a latch-open device?

o. Are the rear and dispenser nozzle grounding wires properly connected (to handle static discharge) prior to the transferring of fuel?

p. Are bonds and grounds tested frequently to ensure conductivity?

q. Are non-smoking regulations enforced, particularly during the refueling stages?

4. MISCELLANEOUS

a. Are all fuel handling operations ceased during electrical storms?

b. Are all fuel pumping operations done at a rate which prevent severe turbulence?

c. Is fuel washed from the skin as soon as possible with soap and water?

d. Is the use of liquid fuels for cleaning equipment strictly prohibited?

e. Are fuel-handling personnel aware that vaporous fuel-air mixtures are more dangerous (when ignited) than the liquid alone?

f. Are oily rags immediately disposed of after use by placement in self-closing metal containers?

g. Are only safety-approved flashlights, drop lights, and explosion-proof electrical equipment used in hazardous areas?

h. Are drip pans used in all areas of fuel operations?

i. Are all refueling operations conducted outside of 300 feet from active ground radars?

INSPECTION FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: HQ BATTERY

Name/Title OIC: LT. LEE SGT MCGALLIARD (SHOP CHIEF)

AREA OF CONCERN	YES		NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>				<p>USE 4/10's SOLVENT UATS</p>
<p><u>F. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>				
<p><u>C. Are HWs being disposed of by deadlines</u></p>				
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>				

DATE: 10 APR 1986

SIGNATURE: _____

e. Corrective Action Recommended:

f. Sketch showing location of Facility:

INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: 1/10 MOTOR TRANSPORT

Name/Title OIC: LT. GOVERNANTI SSGT SPRINGER (MT CHIEF)
SGT KNISS (MT MAIN CHIEF)

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>			<p>PUTTING WASTE SOLVENT INTO WASTE OIL.</p>
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>			
<p><u>C. Are HWs being disposed of by deadlines</u></p>			
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>			

DATE: 10 APRIL 86

SIGNATURE: _____

e. Corrective Action Recommended:

f. Sketch showing location of Facility:

INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: 2/10 MOTOR TRANS.

Name/Title OIC: LT. Blundi SATCOMS (SHOCKIEF)

AREA OF CONCERN	YES		NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>				
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>				
<p><u>C. Are HWs being disposed of by deadlines</u></p>				
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>				

DATE: 10 APR 1986

SIGNATURE: _____

e. Corrective Action Recommended:

f. Sketch showing location of Facility:

INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: 3/10 MOTOR TRANS

Name/Title OIC: LT. VETTER SSGT DEABETO (SHOP CHIEF)

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>			<p>Dispose of waste solvent into waste oil</p>
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>			
<p><u>C. Are HWs being disposed of by deadlines</u></p>			
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>			

DATE: 10 APRIL 86

SIGNATURE: _____

e. Corrective Action Recommended:

f. Sketch showing location of Facility:

INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: 4/10 MOTOR TRANSPORT

Name/Title OIC: Lt. Collins

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>			<p>CURRENTLY Dumping into WASTE OIL</p>
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>			
<p><u>C. Are HWs being disposed of by deadlines</u></p>			
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>			

DATE: 10 April 86

SIGNATURE: _____

e. Corrective Action Recommended:



f. Sketch showing location of Facility:

HAZARDOUS WASTE MANAGEMENT INSPECTION

1. Organization Inspected: 10th MARINES

2. Name and title of persons conducting inspection:

a. NREAD Representative: BECKER

b. Organizational Commander Representative: CAPT GORDY [3165]

c. Other (Specify) : 1764SGT KAUP HMDC 2nd MAR. DIV.

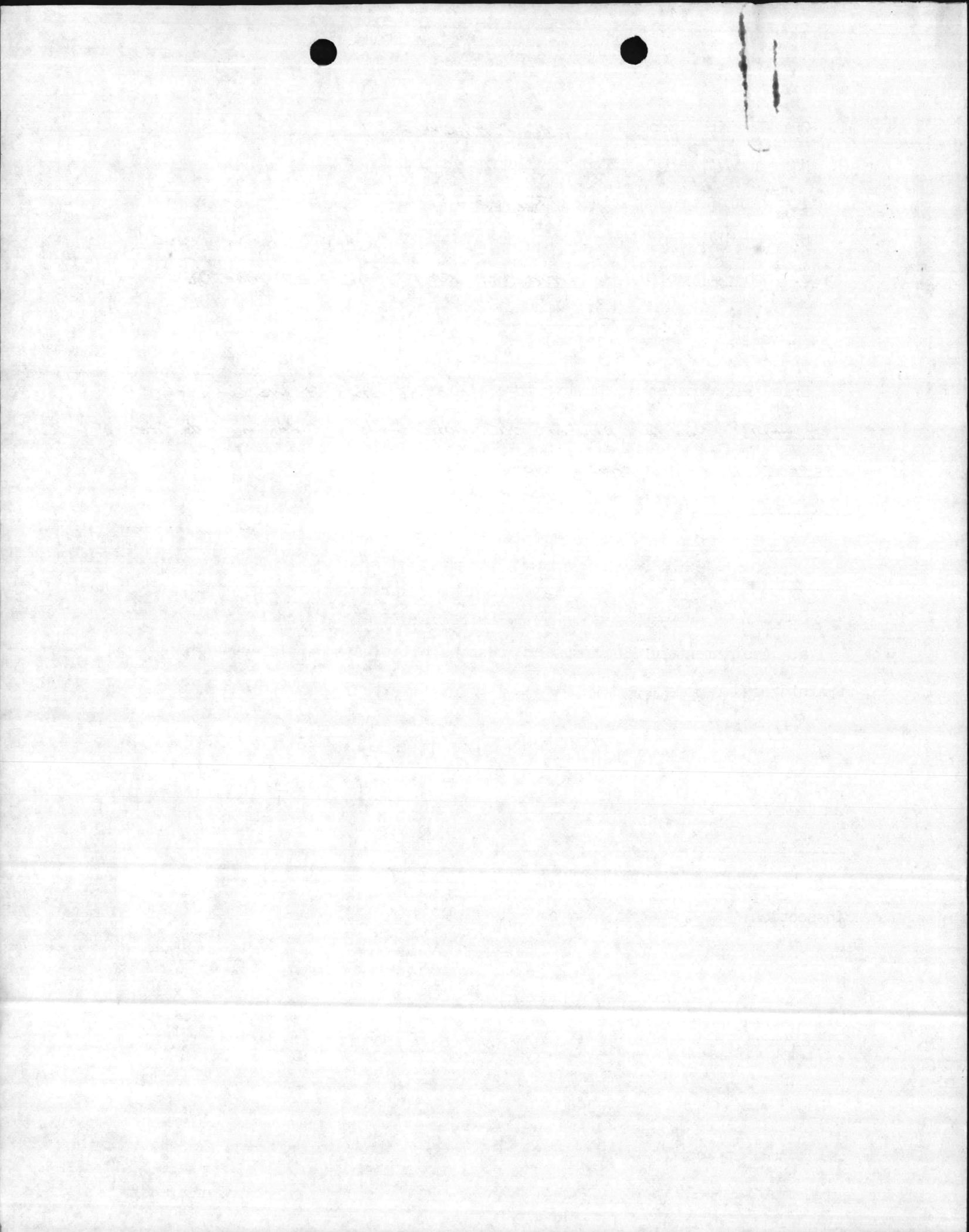
3. Brief Description of HW Activity: NO SOLVENTS BEING GENERATED

AT THIS TIME AT ANY OF THE MOTOR POOLS. LITHIUM BATT. BEING
GENERATED FROM COMM. SHOPS

4. Summary of Findings (See Attachment A- _____)

a. Assignment of HW management responsibilities and related personnel
training and record keeping: _____

b. Adequacy of HW handling, storage and related internal controls and
inspection: _____



INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: Comm PIT HQ DATT

Name/Title OIC: MAJ WARRICK

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>			
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>			
<p><u>C. Are HWs being disposed of by deadlines</u></p>			
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>			

DATE: _____

SIGNATURE: _____

e. Corrective Action Recommended:

f. Sketch showing location of Facility:

INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: TAB 10th MAR

Name/Title OIC: LJ. Cieri (CPL McKINNEY, A Tatt NCO)

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>	<p align="center">✓</p>	<p align="center">/</p> <p align="center">/</p> <p align="center">/</p> <p align="center">/</p> <p align="center">/</p>	
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>	<p align="center">NOTE ↓ ✓</p>	<p align="center">✓</p>	<p><u>NOTE 1</u> MARKED HW STORAGE location AS TO HAZARD</p>
<p><u>C. Are HWs being disposed of by deadlines</u></p>	<p align="center">✓</p>		
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>	<p align="center">✓</p>	<p align="center">✓</p>	

DATE: 13 FEB 86

SIGNATURE: Anthony M. Elmore

e. Corrective Action Recommended:

1. NEED INSPECTION LOG STARTED
2. NEED TO MAINTAIN TRNG. RECORDS
3. POST EMERGENCY RESPONSE INFORMATION POSTED
4. GET COPIES OF 206240.5 + 11090.1B

f. Sketch showing location of Facility:

INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: Comm FLT 5/10
 Name/Title OIC: LT. Raymond G. Allen

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to log action taken)				
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>	/	/	<p>1. NO BATS STORED @ THIS TIME</p>				
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>			/	/	<p>SEE NOTE 1</p>		
<p><u>C. Are HWs being disposed of by deadlines</u></p>					✓		✓
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>					✓	✓	<p>SEE #3 REVERSE</p>

DATE: 13 FEB 86

SIGNATURE: Thomas L. Allen

e. Corrective Action Recommended:

1. START INSPECTION LOG
2. MAINTAIN TRNG. RECORDS
3. POST Spill Response Sign AT STORAGE LOCATION

f. Sketch showing location of Facility:



UNITED STATES MARINE CORPS
2d Marine Division, Fleet Marine Force
Camp Lejeune, North Carolina 28542-5500

IN REPLY REFER TO:
6240

G-4 ENGR

17 JUL 1987

From: Commanding General, 2d Marine Division, FMF
To: Commanding Officer, 10th Marine Regiment, 2d Marine Division, FMF

Subj: RESULTS OF HAZARDOUS WASTE MANAGEMENT COMPLIANCE INSPECTIONS

Ref: (a) BO 6240.5A
(b) CG, MCB 291625Z Oct 86
(c) BO 11090.1B
(d) CG, MCB 192005 Sep 84
(e) CG, MCB 111421 Mar 87

Encl: (1) CG, MCB CLNC ltr 6240 NREAD dtd 18 May 1987 (w/enclosure)

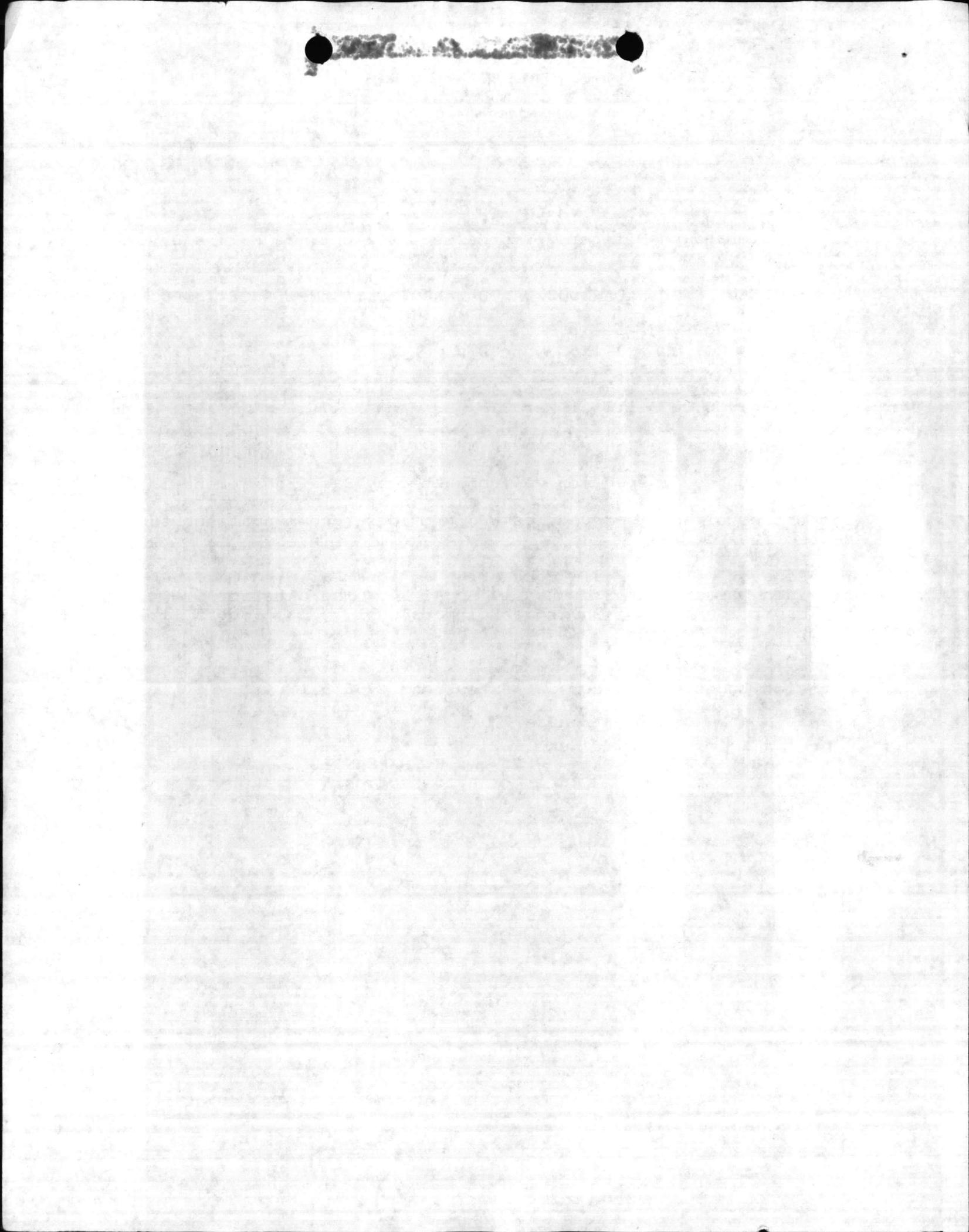
1. The subject inspection was conducted by Base Environmental personnel in accordance with the references. The enclosure identifies cited discrepancies and provides recommendations for corrective actions.

2. Request a list of all corrective actions taken to date be provided this Headquarters by 17 Aug 1987. The date for re-inspection by Base Environmental personnel will be coordinated through the Division Engineer Office.

3. Point of contact at this Headquarters is Captain J. M. REUTER, Division Engineer Officer, at extensions 2755/5111.

W. E. Marcantel
W. E. MARCANTEL
By direction

Copy to:
→ NREAD, MCB, CLNC



6240
NREAD
MAY 18 1987

From: Commanding General, Marine Corps Base, Camp Lejeune
To: Commanding General, 2d Marine Division, Camp Lejeune

Subj: HAZARDOUS WASTE MANAGEMENT COMPLIANCE INSPECTION; RESULT OF

Ref: (a) CG ltr 6240 NREAD of 10 Nov 86
(b) CG ltr 6240 NREAD of 9 Sep 85
(c) BO 11090.1B
(d) BO 6240.5A
(e) CG MCB 192005 Sep 84
(f) CG MCB 111421 Mar 87

Encl: (1) Hazardous Waste Management Compliance Inspection
Reports for 10th MAR REG, 2d MARDIV of 27 & 28 Apr 87

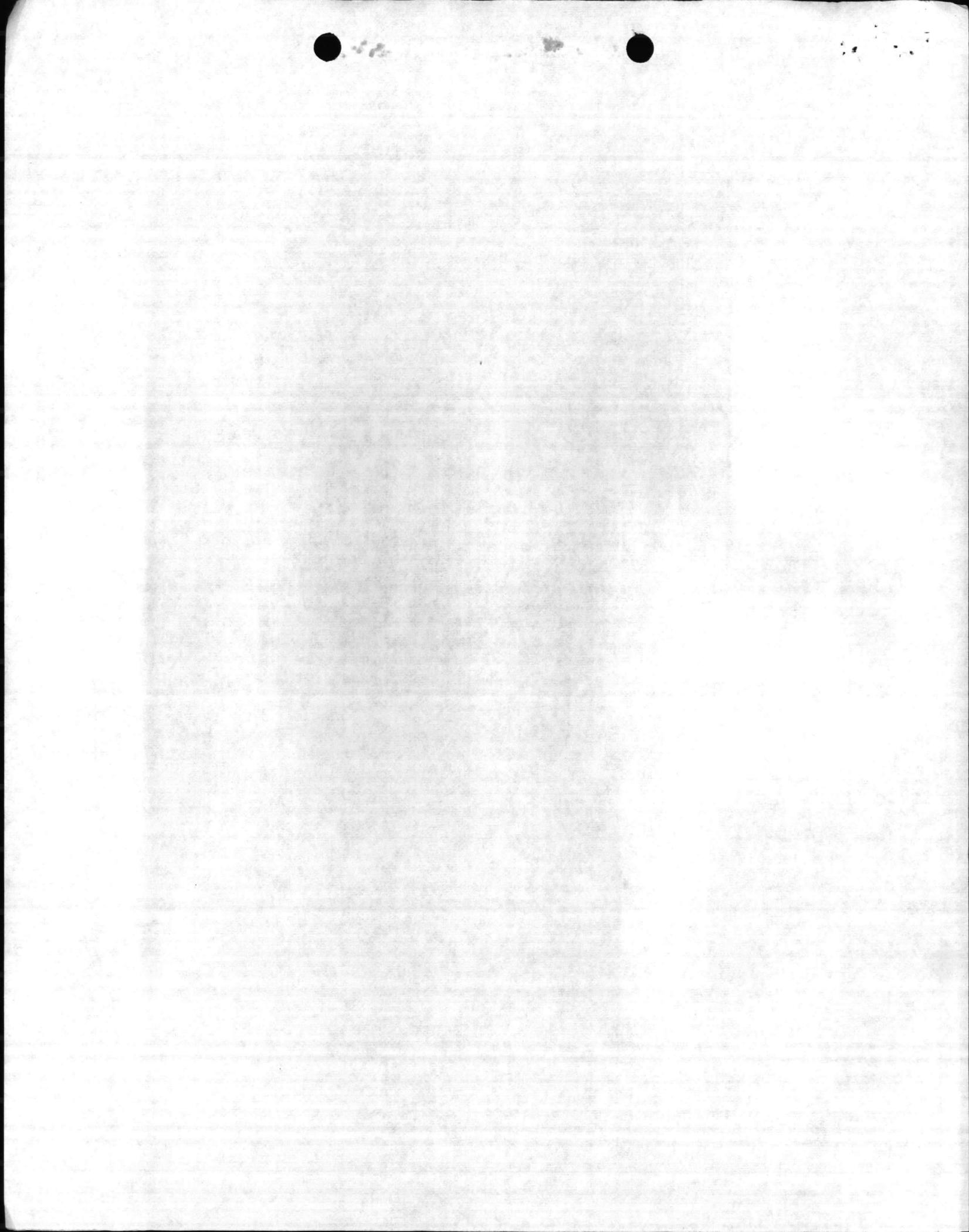
1. The subject inspections were conducted by Base Environmental personnel in accordance with references (a) through (f). Enclosure (1) provides findings, recommendations and supporting information relative to the subject inspections. It should be noted that discrepancies cited in enclosure (1) are violations of Environmental Protection Agency regulations described in reference (d). Base Environmental personnel are available to assist in implementation of corrective action. Required corrective action was discussed with cognizant personnel during the inspection. Addressee should notify the Commanding General, Marine Corps Base, Attn: AC/S, Facilities, of any discrepancy which cannot be corrected within thirty days.

2. A re-inspection will be conducted by Base Environmental personnel in cooperation with the Hazardous Material Disposal Coordinator (HMDC), Division Engineers, 2d MARDIV.

3. Point of contact for this matter is Mr. Danny Sharpe, extensions 2083/1690.

T. J. DALZELL
By direction

Writer/Typist Warren/Cianocida
Date Typed 18 May 87
Word Processor Number Inspect 382



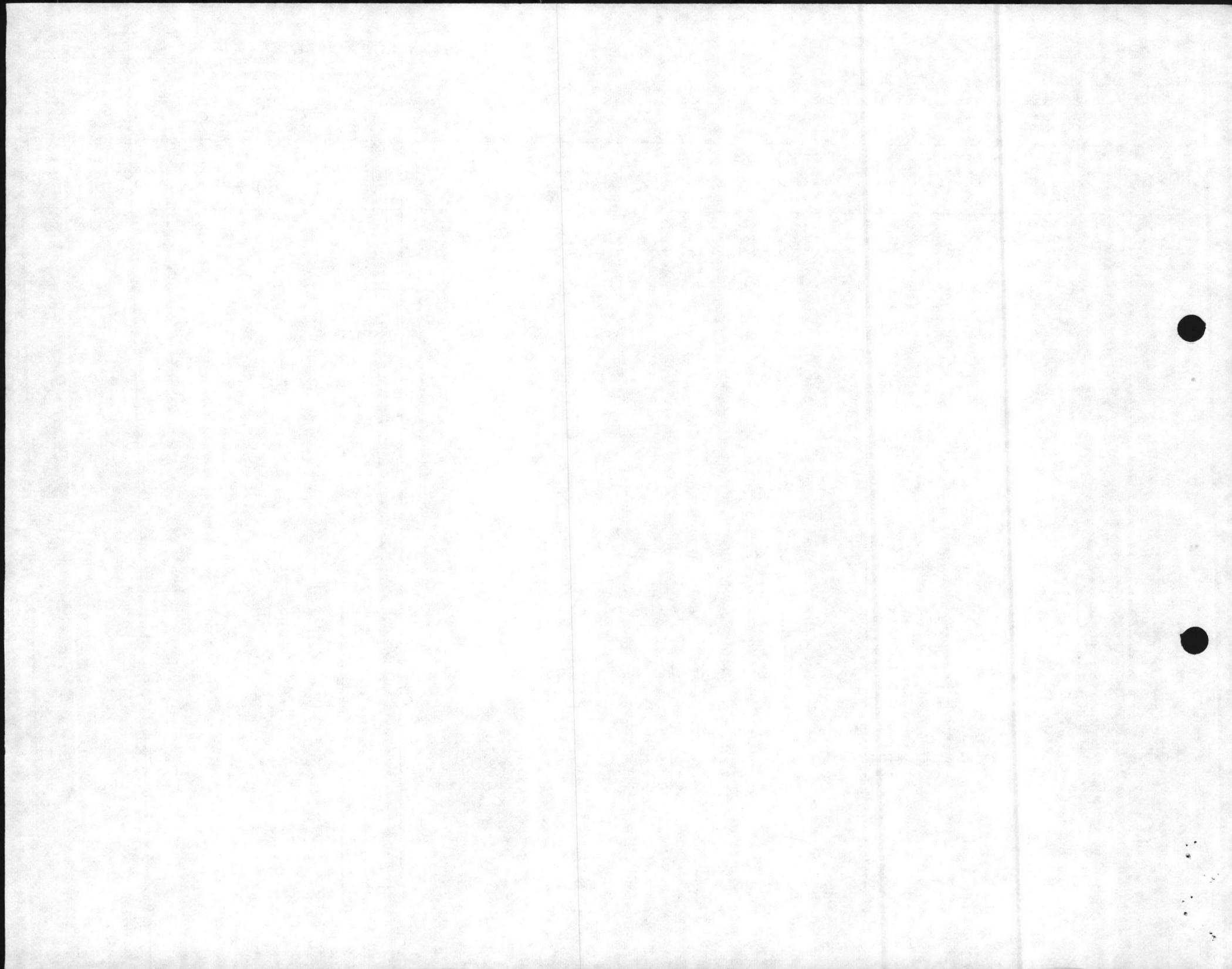
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 27 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1. a.	Bldg. 1709	<u>HQBN 10th MAR ENG SECTION</u> No discrepancies noted during inspection		



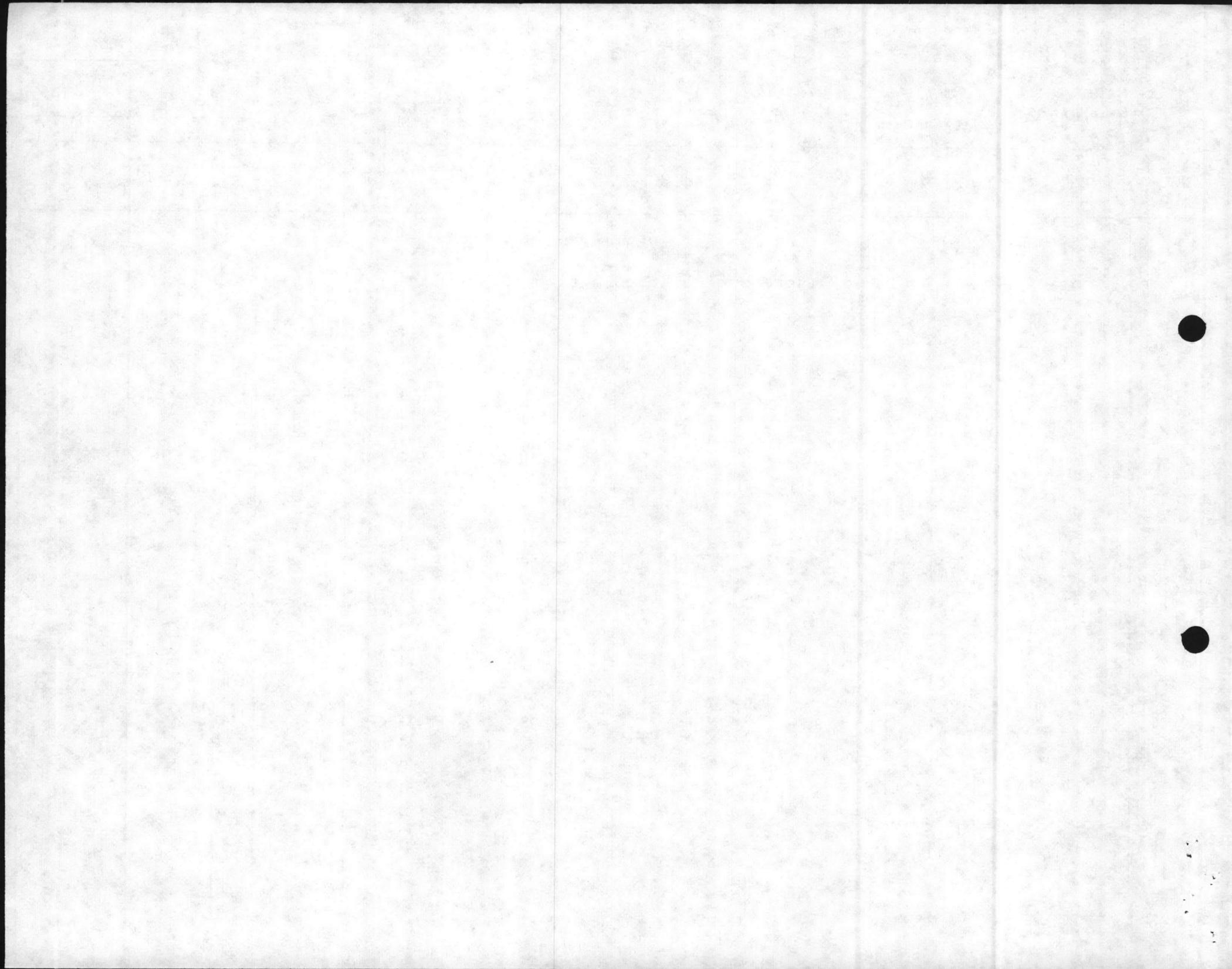
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 27 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.	a. Bldg. 1450	<u>5/10 TRACK VEHICLE MAINT</u> No discrepancies noted during inspection		



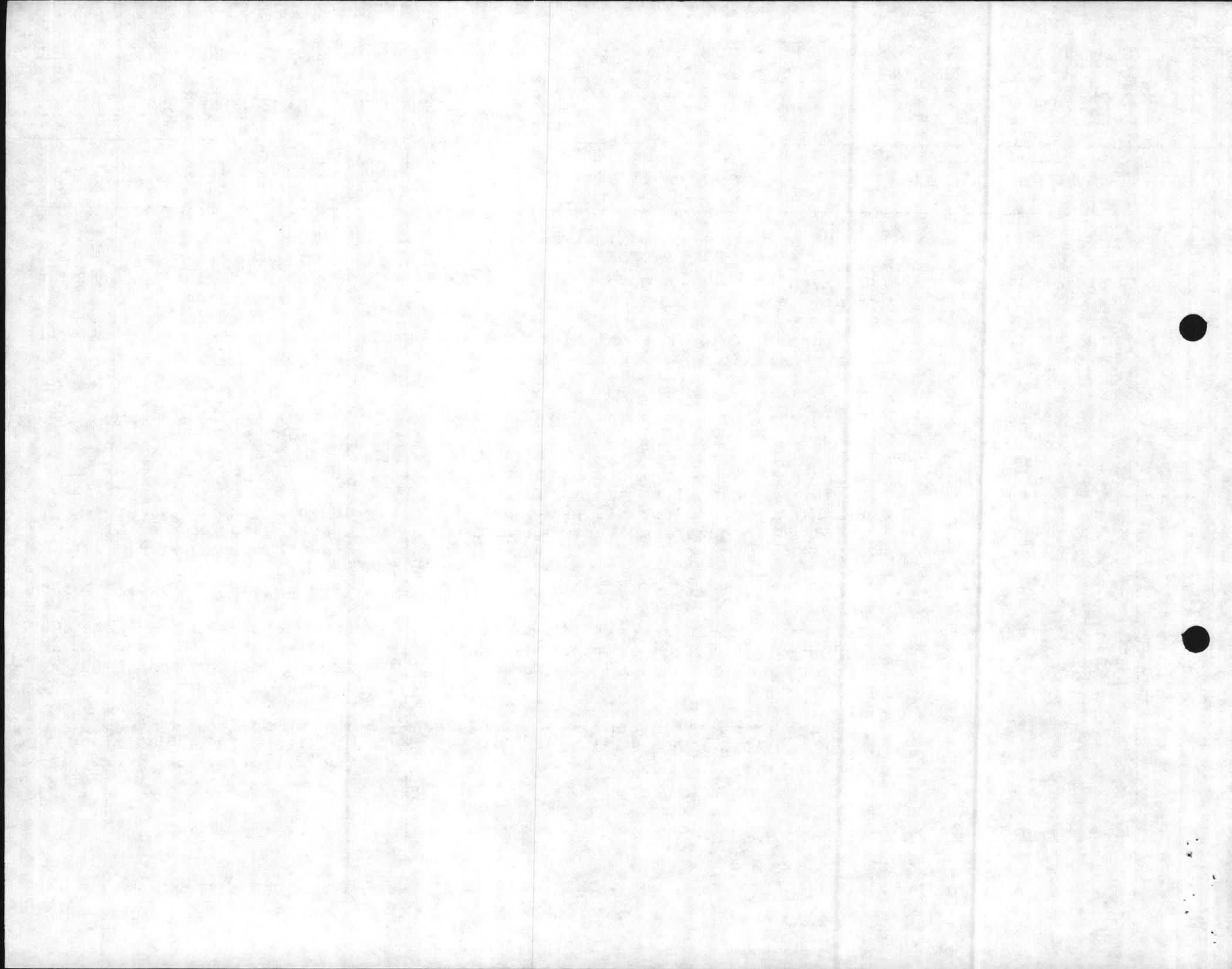
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 27 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>HQ BTRY 10th MAR MOTOR-TRANSPORT</u>		
a.	Bldg. 1841	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.
b.	Bldg. 1841	Failure to turn in electrolyte waste container dated Oct 86 within 90 day accumulation time.	6	Label and turn in waste before 90 day accumulation time.
c.	Bldg. 1841	Failure to post emergency spill-response information.	3	Purchase/Fabricate and post emergency spill response signs.
d.	Bldg. 1841	Failure to establish and maintain training records for all personnel involved in hazardous waste management.	2	Training records shall be maintained for hazardous waste handlers and alternate to include a description of duties and training received for personnel at each site.
e.	Bldg. 1841	Failure to conduct weekly inspections and maintain a log of hazardous waste sites.	4	Conduct weekly inspections and maintain an inspection log of all hazardous waste sites.
f.	Bldg. 1841	Failure to maintain copies of BO 6240.5A BO 11090.1B and BO 11090.3.	5	Maintain copies of BO 6240.5A BO 11090.1B and BO 11090.3 at all hazardous waste sites.

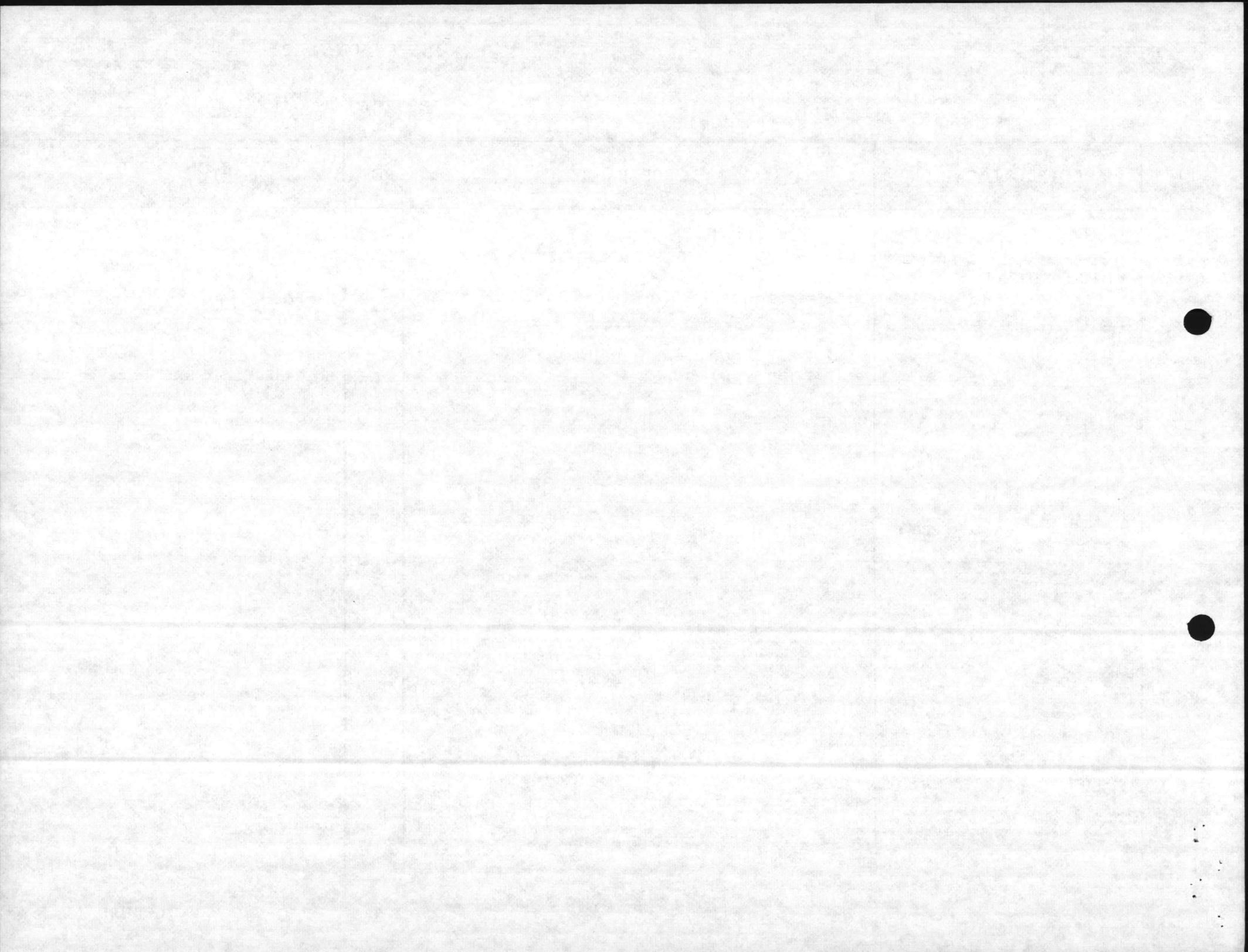


ORGANIZATION:

INSPECTION DATE: _____

INSPECTOR'S NAME _____

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>1/10 MOTOR TRANSPORT</u>		
a.	Bldg. 1775	Failure to post emergency spill response information.	3	Purchase/fabricate and post emergency spill response signs.
b.	Bldg. 1775	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.



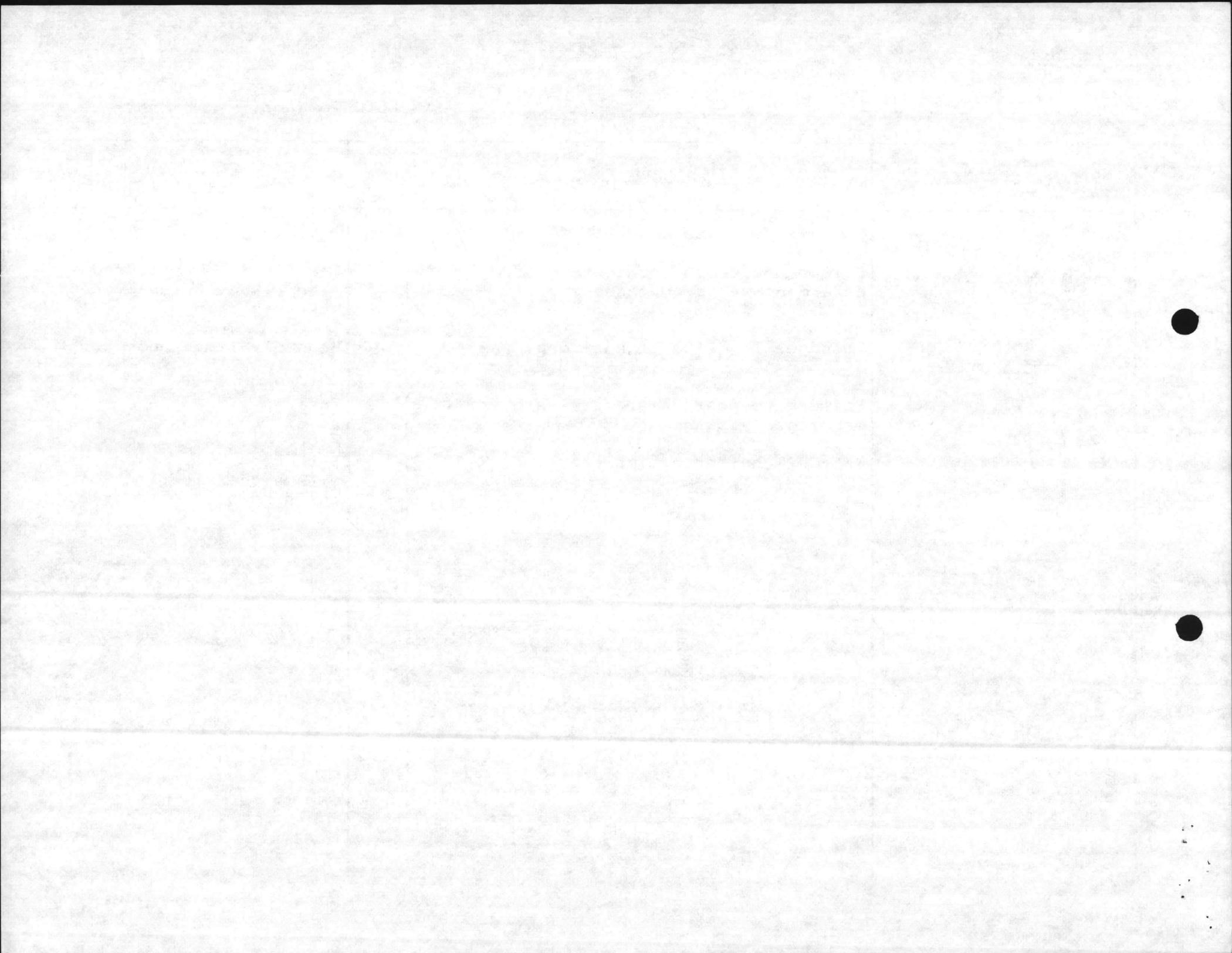
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 27 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>2/10 MOTOR TRANSPORT</u>		
a.	Bldg. 1775	Failure to keep containers closed on hazardous waste containers.	7	Keep containers closed except when actually pouring waste into them.
b.	Bldg. 1775	Improper labeling of hazardous waste.	6	Properly label and date container.
c.	Bldg. 1775	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.
d.	Bldg. 1775	Wet Cell batteries improperly packed.	8	Batteries will be covered with a sheet of 3/4" plywood the size of the pallet.



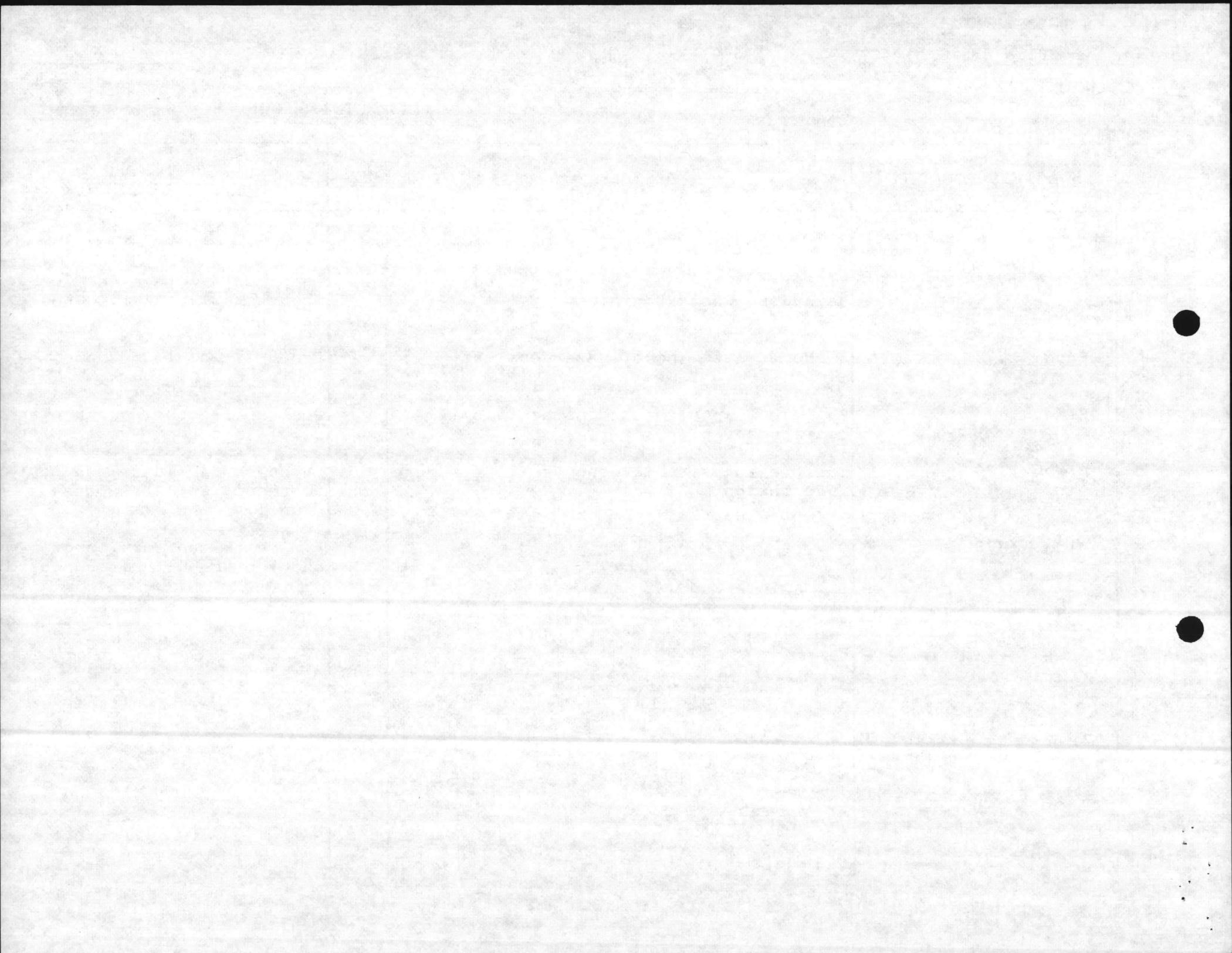
ORGANIZATION:

INSPECTION DATE: 27 Apr 87

2d MARDIV
10th MAR REG

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>3/10 MOTOR TRANSPORT</u>		
a.	Bldg. 1775	Failure to keep containers closed on hazardous waste containers.	7	Keep containers closed except when actually pouring waste into them.
b.	Bldg. 1775	Improper labeling of hazardous waste	6	Properly label and date container.
c.	Bldg. 1775	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites
d.	Bldg. 1775	Failure to post emergency spill response information	3	Purchase/fabricate and post emergency spill response signs.
e.	Bldg. 1775	Oil-saturated soil	9	Remove to sanitary landfill and replace with fresh earth



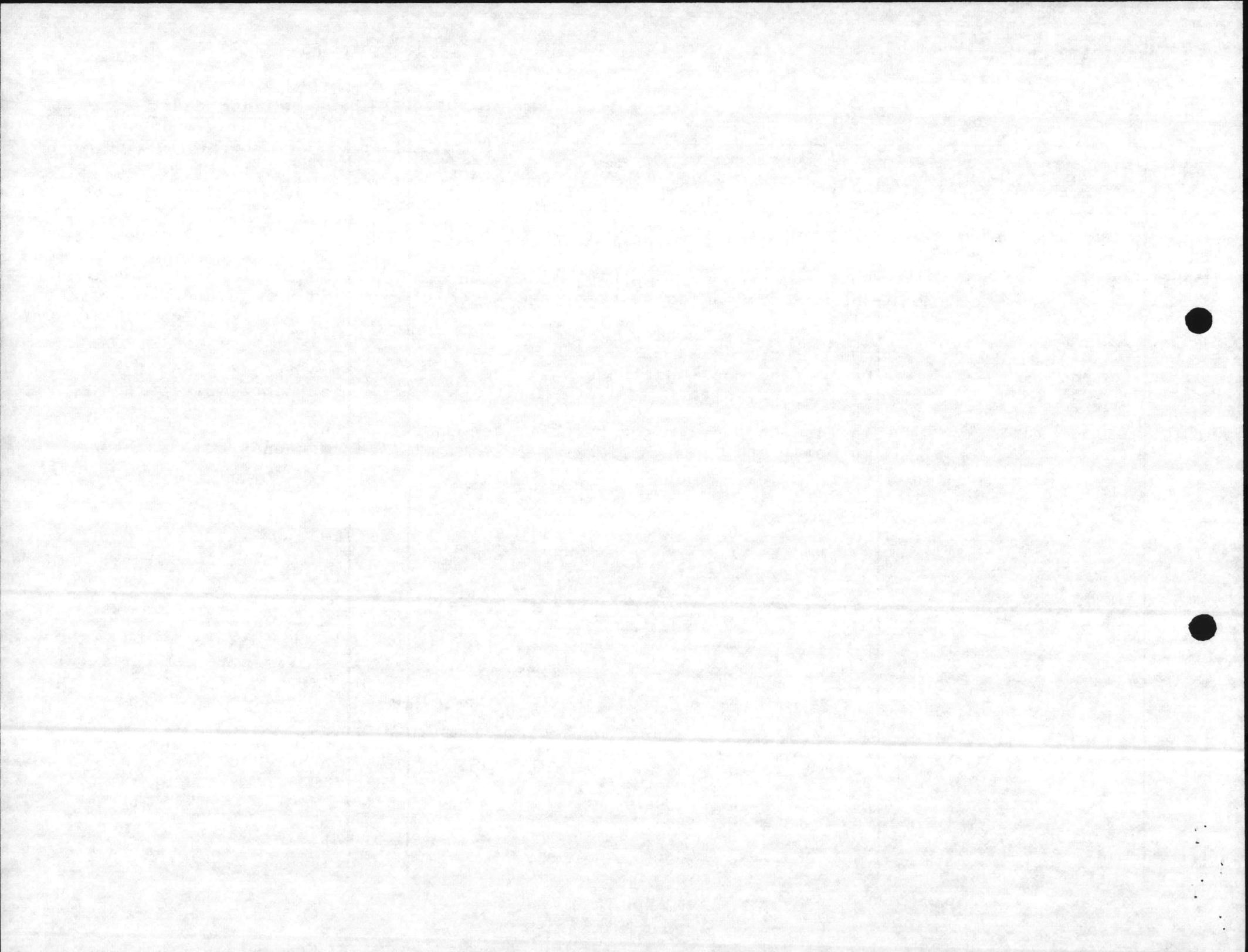
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 27 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>4/10 REG MOTOR-TRANSPORT</u>		
a.	Bldg. 1841	Failure to conduct weekly inspections and maintain a log of hazardous waste sites.	4	Conduct weekly inspections and maintain an inspection log on all hazardous waste sites.
b.	Bldg. 1841	Failure to post hazardous waste spill contingency plan.	1	Post spill sign at all hazardous waste sites.
c.	Bldg. 1841	Failure to psot emergency spill response information.	3	Purchase/fabricate and post emergency spill response signs.



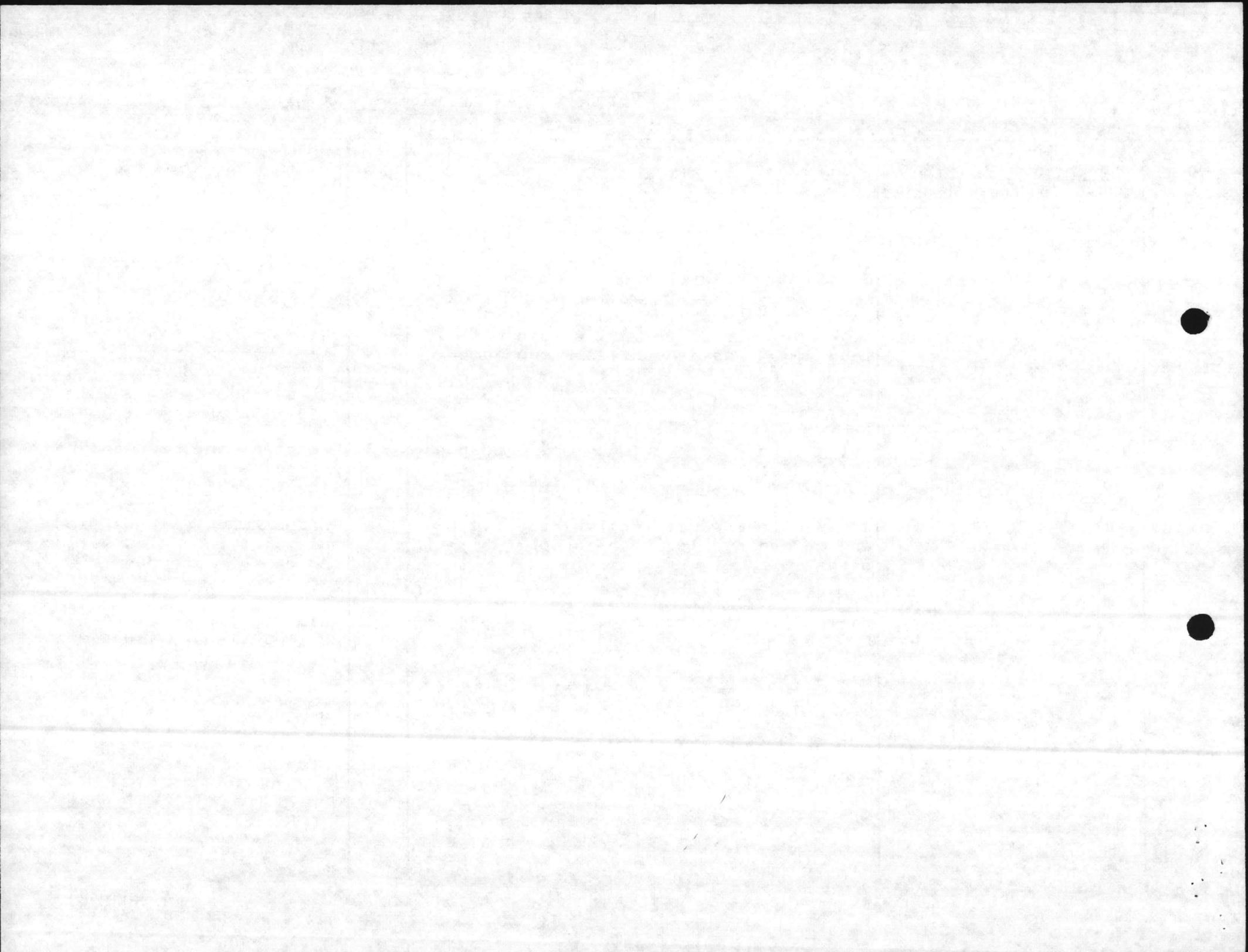
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 28 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>TARGET ACQUISITION BATTERY</u>		
a.	Bldg. 1603	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.
b.	Bldg. 1603	Failure to establish and maintain training records for all personnel involved in hazardous waste management.	2	Training records shall be maintained for hazardous waste handlers and alternate to include a description of duties and training received for personnel at each site.
c.	Bldg. 1603	Failure to post emergency spill response information.	3	Purchase/fabricate and post emergency spill response signs.
d.	Bldg. 1603	Failure to conduct weekly inspections and maintain a log of hazardous waste sites.	4	Conduct weekly inspections and maintain an inspection log on all hazardous waste sites.
e.	Bldg. 1603	Failure to maintain copies of BO 6240.5A BO 11090.1B and BO 11090.3	5	Maintain copies of BO 6240.5A BO 11090.1B and 11090.3 at all hazardous waste sites.



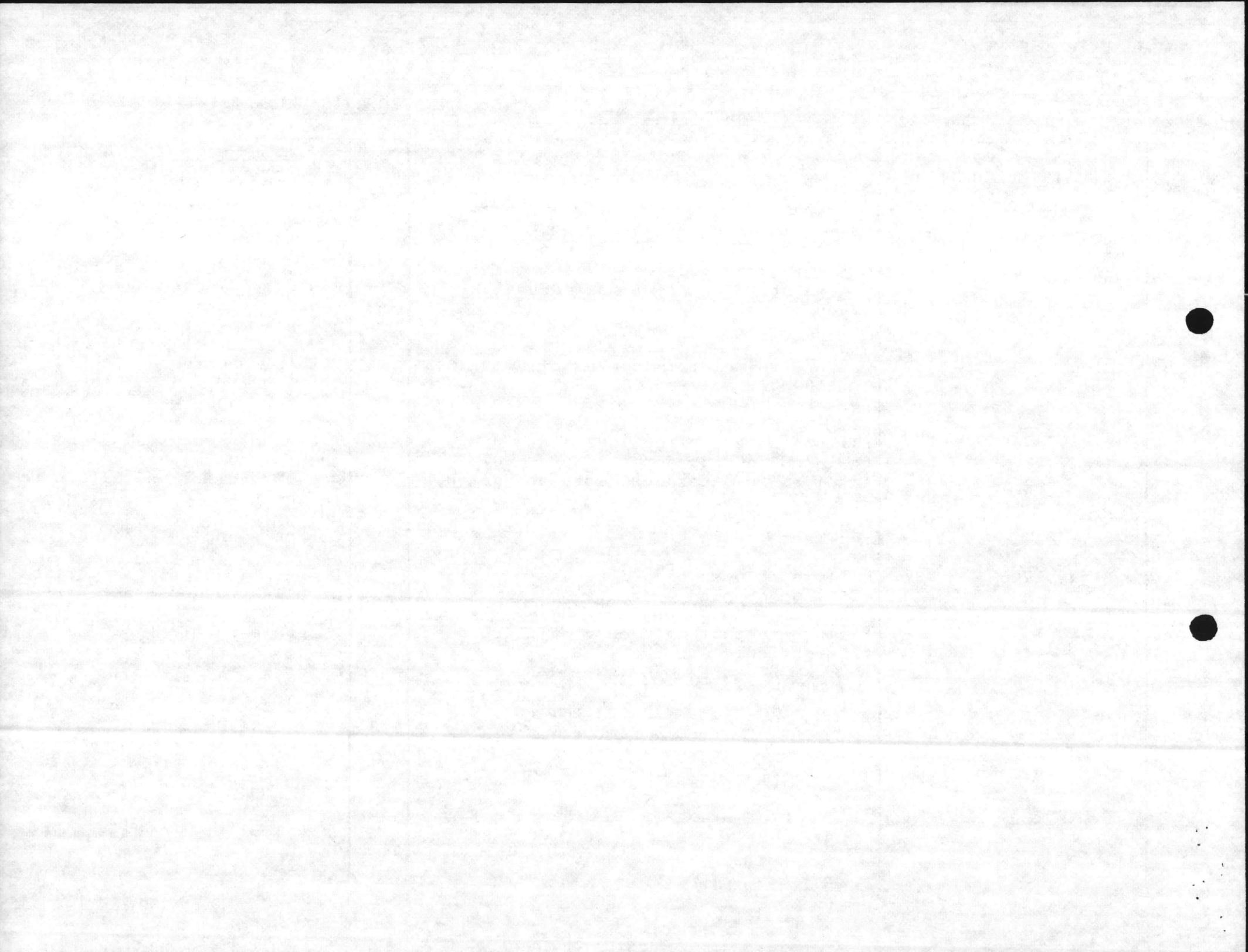
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 28 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>10th MAR REG COMM</u>		
a.	Bldg. 1705	Failure to conduct weekly inspections and maintain a log of hazardous waste sites.	4	Conduct weekly inspections and maintain an inspection log on all hazardous waste sites.
b.	Bldg. 1705	Failure to maintain copies of BO 6240.5A BO 11090.1B and BO 11090.3.	5	Maintain copies of BO 6240.5A, BO 11090.1B and BO 11090.3 at all hazardous waste sites.
c.	Bldg. 1705	Failure to establish and maintain training records for all personnel involved in hazardous waste management.	2	Training records shall be maintained for hazardous waste handlers and alternate to include a description of duties and training received for personnel at each site.
d.	Bldg. 1705	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.
e.	Bldg. 1705	Failure to post emergency spill response information.	3	Purchase/fabricate and post emergency spill response signs.



ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 28 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>1/10 COMM</u>		
a.	Bldg. 534	Failure to post emergency spill response information.	3	Purchase/Fabricate and post emergency spill response signs.
b.	Bldg. 534	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.
c.	Bldg. 534	Failure to establish and maintain training records for all personnel involved in hazardous waste management.	2	Training records shall be maintained for hazardous waste handlers and alternate to include a description of duties and training received for personnel at each site.

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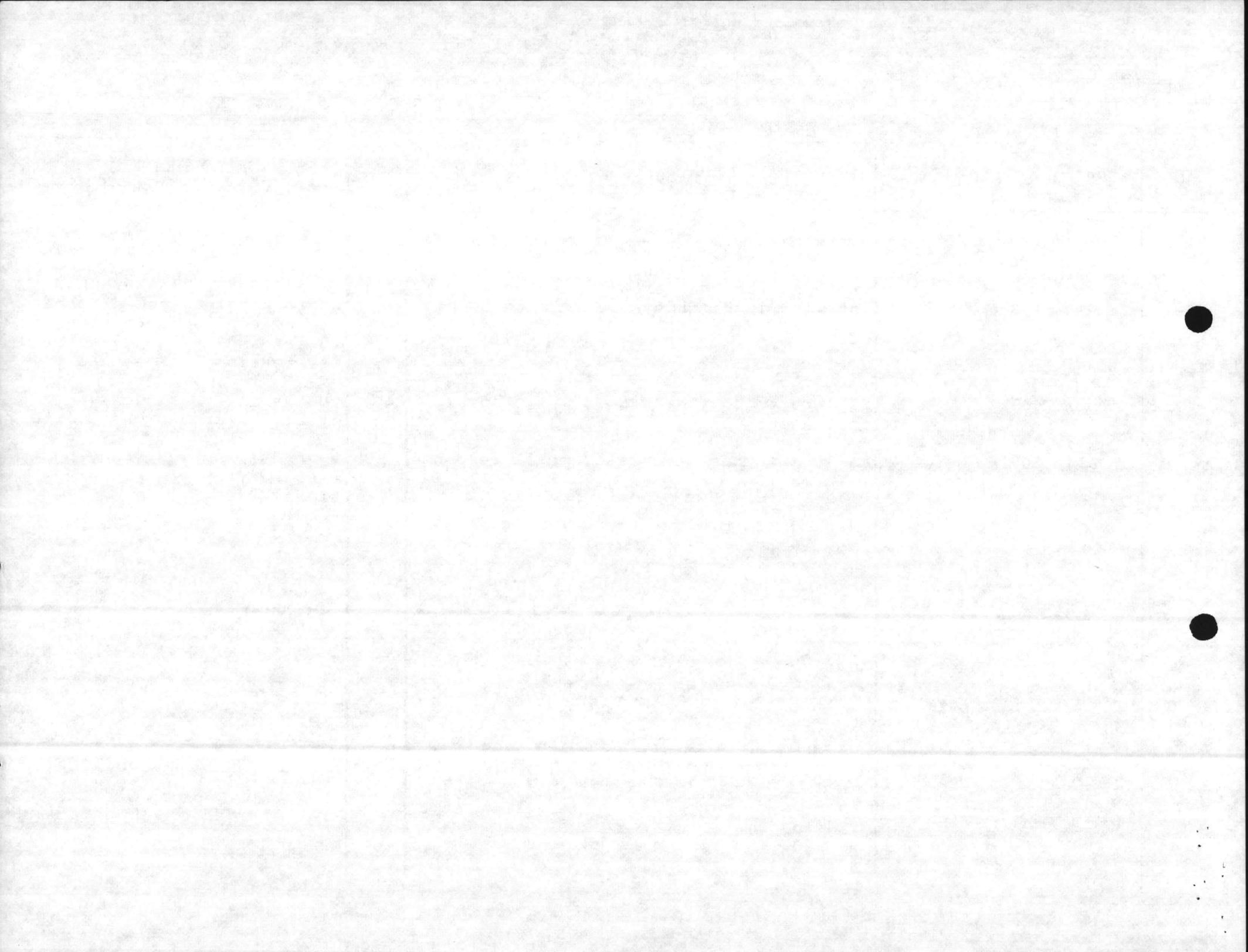
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 28 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>2/10 COMM</u>		
a.	Bldg. 509	Failure to establish and maintain training records for all personnel involved in hazardous waste management.	2	Training records shall be maintained for hazardous waste handlers and alternate to include a description of duties and training received for personnel at each site.
b.	Bldg. 509	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.
c.	Bldg. 509	Failure to post emergency spill response information.	3	Purchase/fabricate and post emergency spill response signs.



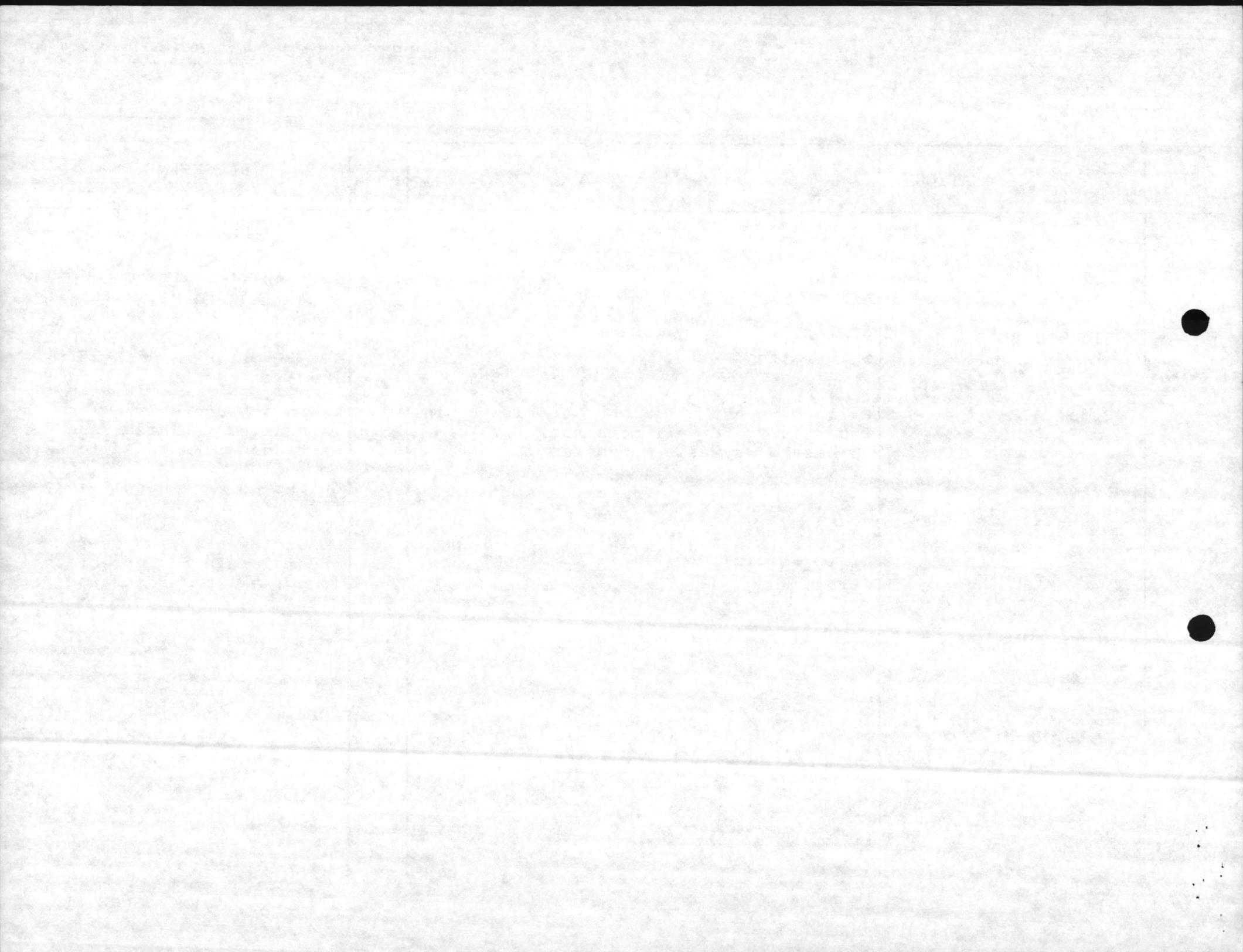
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 28 Apr 87

INSPECTOR'S NAME KEN WARREN

NO:	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>3/10 COMM</u>		
a.	Bldg. 408	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency plan at all hazardous waste sites.
b.	Bldg. 408	Failure to post emergency spill response information.	3	Purchase/fabricate and post emergency spill response signs.
c.	Bldg. 408	Failure to establish and maintain training records for all personnel involved in hazardous waste management.	2	Training records shall be maintained for hazardous waste handlers and alternate to include a description of duties and training received for personnel at each site.
d.	Bldg. 408	Failure to conduct weekly inspections and maintain a log of hazardous waste sites.	4	Conduct weekly inspections and maintain an inspection log of all hazardous waste sites.



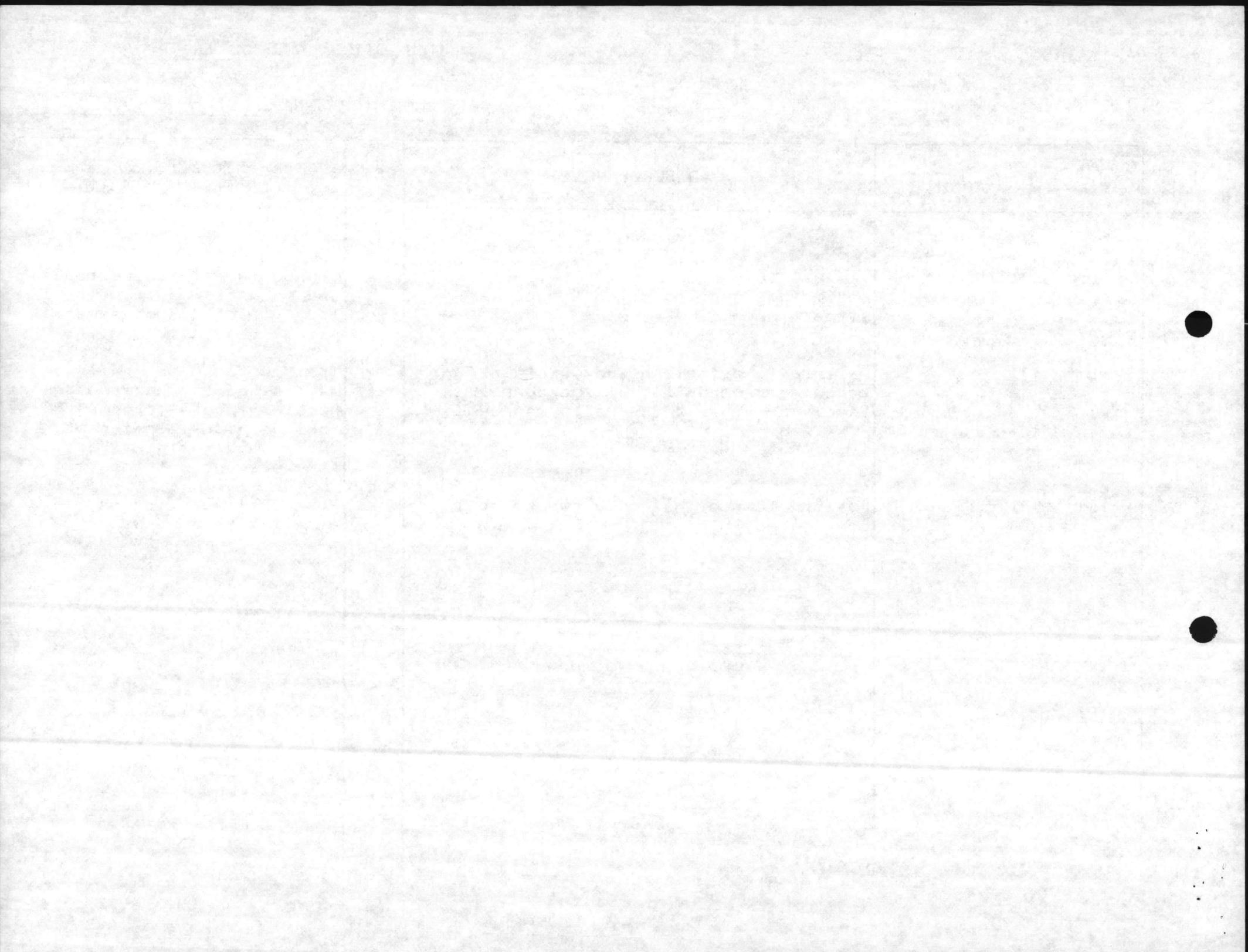
ORGANIZATION:

2d MARDIV
10th MAR REG

INSPECTION DATE: 28 Apr 87

INSPECTOR'S NAME KEN WARREN

NO.	SPECIFIC LOCATION	DISCREPANCY	REF	RECOMMENDED CORRECTIVE ACTION
1.		<u>4/10 COMM</u>		
a.	Bldg. 531	Failure to conduct weekly inspections and maintain a log of hazardous waste sites.	4	Conduct weekly inspections and maintain an inspection log of all hazardous waste sites.
b.	Bldg. 531	Failure to establish and maintain training records for all personnel involved in hazardous waste management.	2	Training records shall be maintained for hazardous waste handlers and alternate to include a description of duties and training received for personnel at each site.
c.	Bldg. 531	Failure to post hazardous waste spill contingency plan.	1	Post spill contingency at all hazardous waste sites.



2d MARINE DIVISION

AUTHORIZED HW GENERATION & STORAGE SITES OF 10th MAR REG

SITE NO. 1
GENERATION/ACCUMULATION

BLDG. 1709, HQBN
10th MAR ENG SECTION
STORAGE SITE OUTSIDE
SOLVENTS, ELECTROLYTE

SITE NO. 2
GENERATION/ACCUMULATION

BLDG. 1450, 5/10
TRACK VEHICLE MAIN.
OUTSIDE STORAGE TANKS,
SOLVENTS, ELECTROLYTE,
LITHIUM BATTERIES

SITE NO. 3
GENERATION/ACCUMULATION

BLDG. 1841, HQ BTRY.
10th MAR MOTOR-
TRANSPORT, OUTSIDE
ACCUMULATION, OUT-
SIDE STORAGE TANKS,
SOLVENTS, ELECTROLYTE

SITE NO. 4
GENERATION/ACCUMULATION

BLDG. 1775, 1/10
MOTOR-TRANSPORT
OUTSIDE STORAGE,
ELECTROLYTE, SOLVENTS

SITE NO. 5
GENERATION/ACCUMULATION

BLDG. 1775, 2/10
MOTOR-TRANSPORT
OUTSIDE STORAGE,
ELECTROLYTE, SOLVENTS

SITE NO. 6
GENERATION/ACCUMULATION

BLDG. 1775, 3/10
MOTOR-TRANSPORT
OUTSIDE STORAGE,
ELECTROLYTE, SOLVENTS

SITE NO. 7
GENERATION/ACCUMULATION

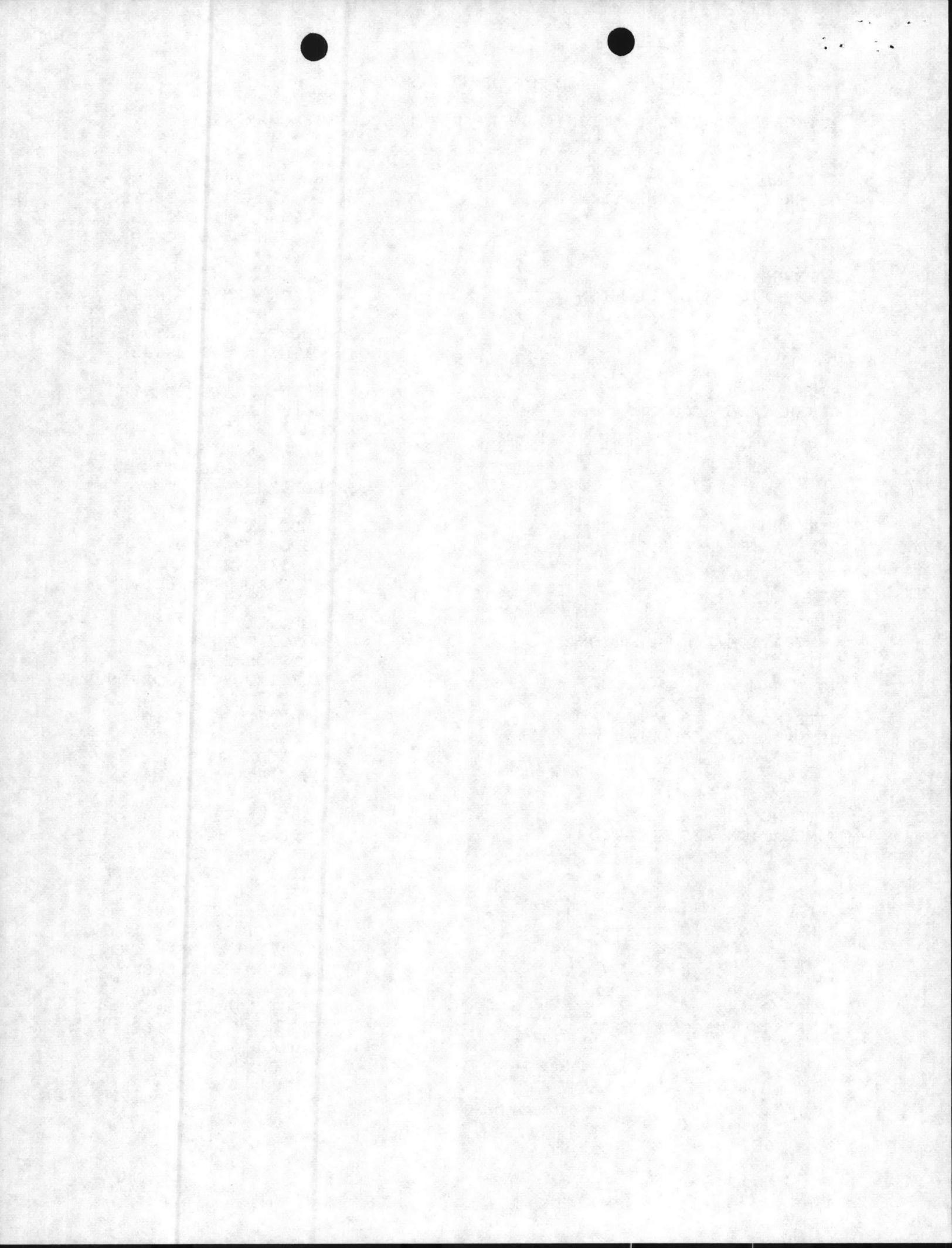
BLDG. 1841, 4/10 REG
MOTOR-TRANSPORT,
OUTSIDE STORAGE,
ELECTROLYTE, SOLVENTS

SITE NO. 8
GENERATION/ACCUMULATION

BLDG. 1603, TARGET
ACQUISITION BATTERY
(TAB), INSIDE STORAGE,
LITHIUM BATTERIES.

SITE NO. 9
GENERATION/ACCUMULATION

BLDG. 1705, 10th MAR
REG COMM, OUTSIDE
STORAGE, LITHIUM
BATTERIES.



SITE NO. 10
GENERATION/ACCUMULATION

BLDG. 534, 1/10 COMM
OUTSIDE STORAGE,
LITHIUM BATTERIES

SITE NO. 11
GENERATION/ACCUMULATION

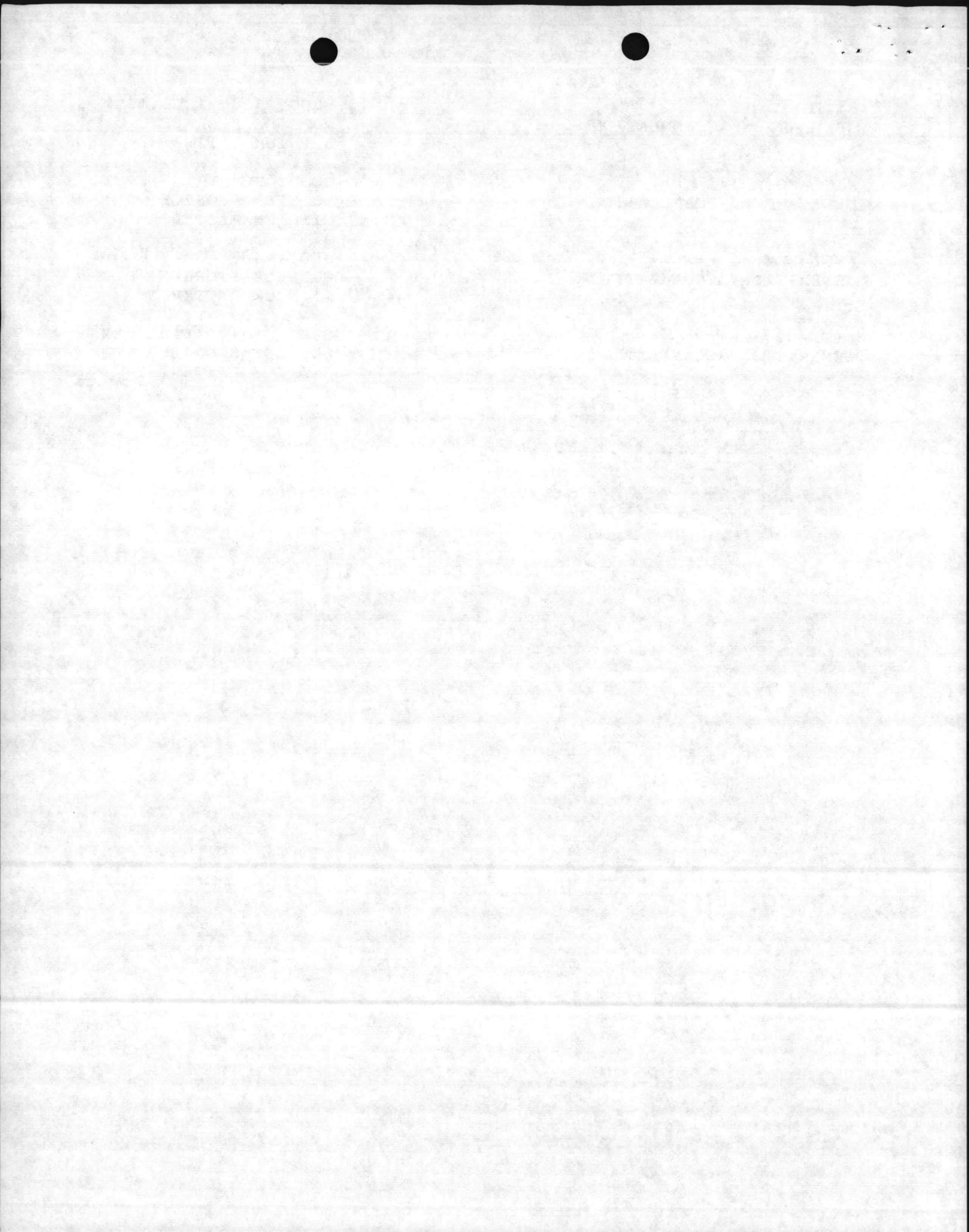
BLDG. 509, 2/10 COMM
OUTSIDE STORAGE,
LITHIUM BATTERIES

SITE NO. 12
GENERATION/ACCUMULATION

BLDG. 408, 3/10 COMM
OUTSIDE STORAGE,
LITHIUM BATTERIES

SITE NO. 13
GENERATION/ACCUMULATION

BLDG. 531, 4/10 COMM
OUTSIDE STORAGE,
LITHIUM BATTERIES



REFERENCES:

1. CG ltr 6240 NREAD of 10 Nov 86, provided by 6240 NREAD 20 Nov 86- requires the posting and development of site specific Hazardous Waste Spill response procedures and responsibilities for prevention and related guidance.
2. Section 1 of enclosure (1) CG ltr 6240 NREAD of 9 Sep 85- "Clear, concise training records shall be maintained on each person actively involved in Hazardous Waste Management."
3. BO 11090.1B, enclosure (2), para 1c - posting of Oil Spill Procedures- Signs shall be posted in every building, tank location and field service location where oil or hazardous materials are used. See BO 11090.1B for proper wording of sign.
4. BO 6240.5A, enclosure (1), para 2d - Provide weekly inspections of all areas used to store hazardous waste and take action required to prevent and correct leaks, spills and other discrepancies. Maintain a log of those inspections.
5. BO 6240.5A, enclosure (1), para 1 & b - Each organization routinely generating or handling HW or disposing of HM will provide a copy of BO 6240.5A, BO 11090.1B, BO 11090.3 and related local instructions.
6. CG, MCB MSG 192005 Sep 84, para 6 - properly label and date container. Turn hazardous waste into DRMO within 90 days of date on hazardous waste label.
7. CG MCB MSG 192005 Sep 84, para 5E. - Keep containers closed except when actually pouring wastes into them.
8. CG MCB MSG 111421 Mar 87, para 2B - Batteries will be covered with a sheet of 3/4" plywood the size of the pallet.
9. BO 11090.1B, enclosure (1), para 4C - Oil-saturated soil in the vicinity of oil and petroleum storage areas should be removed to the sanitary landfill and replaced with fresh earth.

1882

HAZARDOUS WASTE MANAGEMENT INSPECTION

1. Organization Inspected: 10th MARINES

2. Name and title of persons conducting inspection:

a. NFEAD Representative: BERKER

b. Organizational Commander Representative: CAPT GORDY

c. Other (Specify): MSGT KAUF HMDR 2nd MAR. DIV.

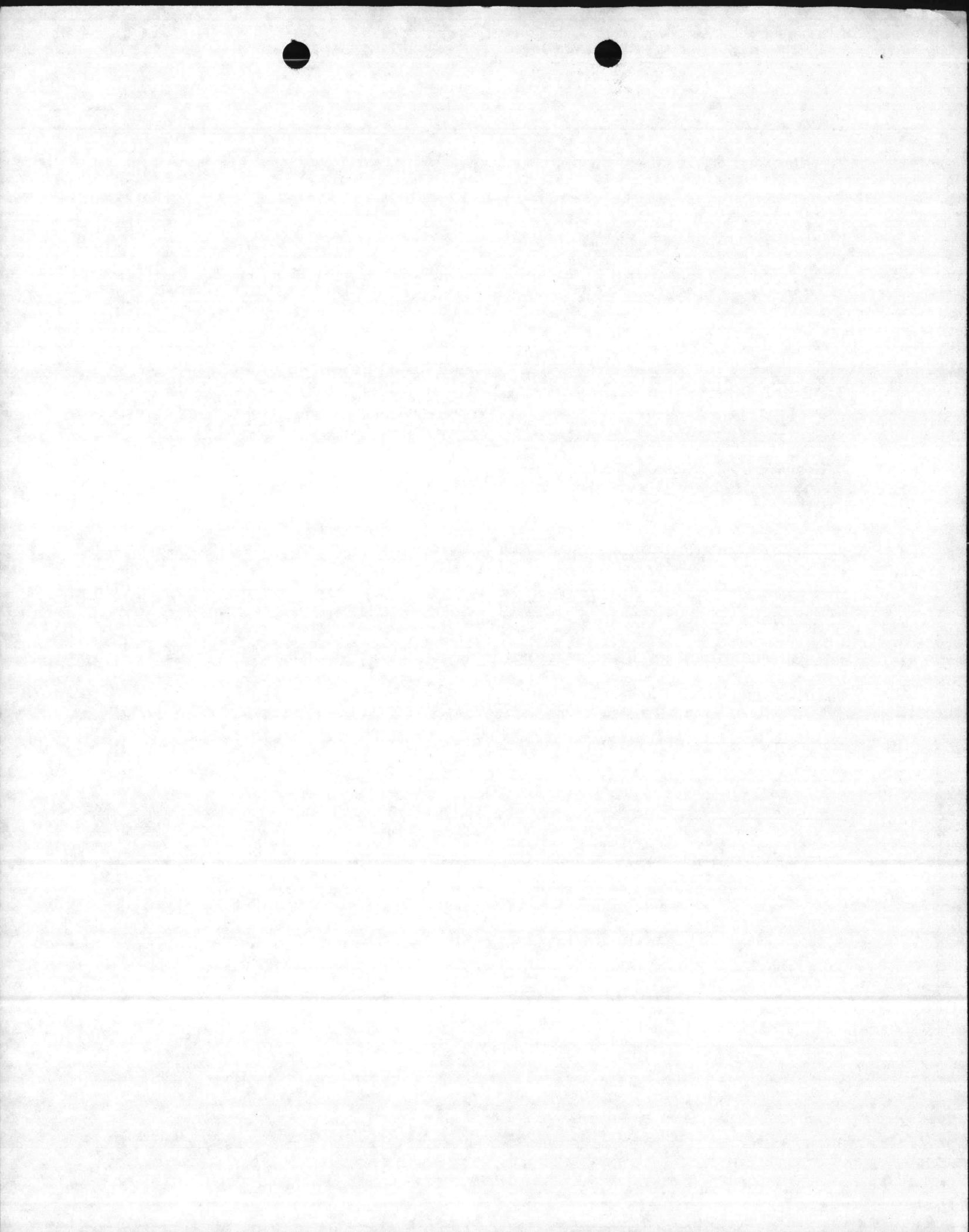
3. Brief Description of HW Activity: NO SOLVENTS BEING GENERATED

AT THIS TIME AT ANY OF THE MOTOR POOLS. LITHIUM BATT. BEING
GENERATED FROM COMM SHOPS

4. Summary of Findings (See Attachment A- _____)

a. Assignment of HW management responsibilities and related personnel
training and record keeping: _____

b. Adequacy of HW handling, storage and related internal controls and
inspection: _____



INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

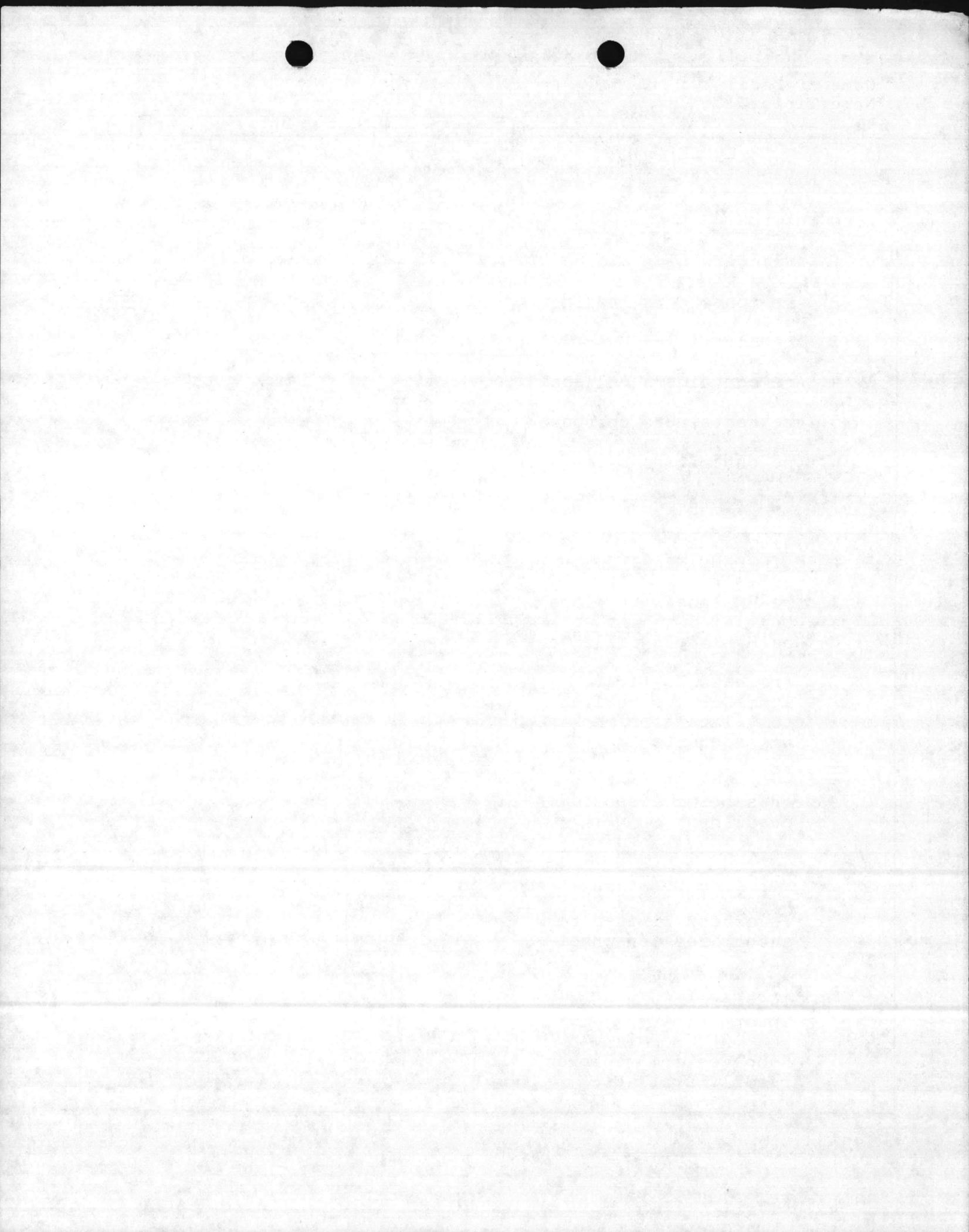
Name of Facility: Comba PIT HQ Datt

Name/Title OIC: MAJ WARRICK

AREA OF CONCERN	YES		NO	CORRECTIVE ACTION NEEDED (use back of page to list action taken)
<p><u>A. CONDITION OF CONTAINERS</u></p> <p>1. Are containers closed</p> <p>2. Are containers leaking</p> <p>3. Are containers bulging</p> <p>4. Are containers collapsed</p> <p>5. Are containers corroded</p> <p>6. Are containers over-filled</p> <p>7. Other problems present</p>				
<p><u>B. LABELING AND MARKING</u></p> <p>1. Are HW labels in place</p> <p>2. Are HW labels filled out</p> <p>3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate</p>				
<p><u>C. Are HWs being disposed of by deadlines</u></p>				
<p><u>D. SECURITY AND EMERGENCIES</u></p> <p>1. Is access limited to authorized personnel only</p> <p>2. Is emergency response information posted</p> <p>3. Supplies and equipment readily available</p>				

DATE: _____

SIGNATURE: _____



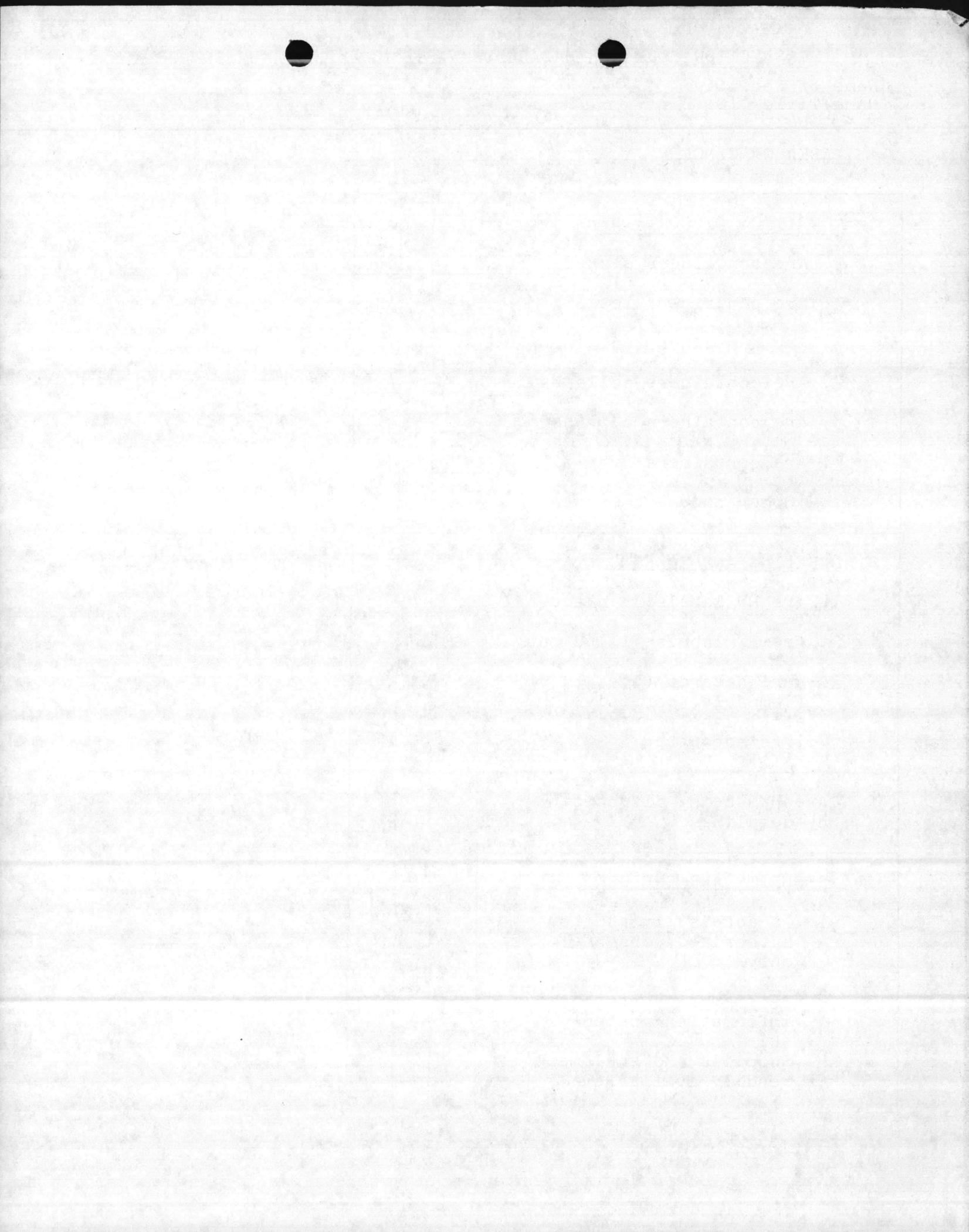
INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: Comm FLT 5/10
 Name/Title OIC: LT. Raymond
CY Allen

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to list action taken)				
A. <u>CONDITION OF CONTAINERS</u> 1. Are containers closed 2. Are containers leaking 3. Are containers bulging 4. Are containers collapsed 5. Are containers corroded 6. Are containers over-filled 7. Other problems present	/	/	1. NO BATTERIES STORED @ THIS TIME				
B. <u>LABELING AND MARKING</u> 1. Are HW labels in place 2. Are HW labels filled out 3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate			/	/	SEE NOTE 1		
C. Are HWs being disposed of by deadlines					✓		✓
D. <u>SECURITY AND EMERGENCIES</u> 1. Is access limited to authorized personnel only 2. Is emergency response information posted 3. Supplies and equipment readily available					✓	✓	SEE #3 REVERSE

DATE: 13 FEB 86

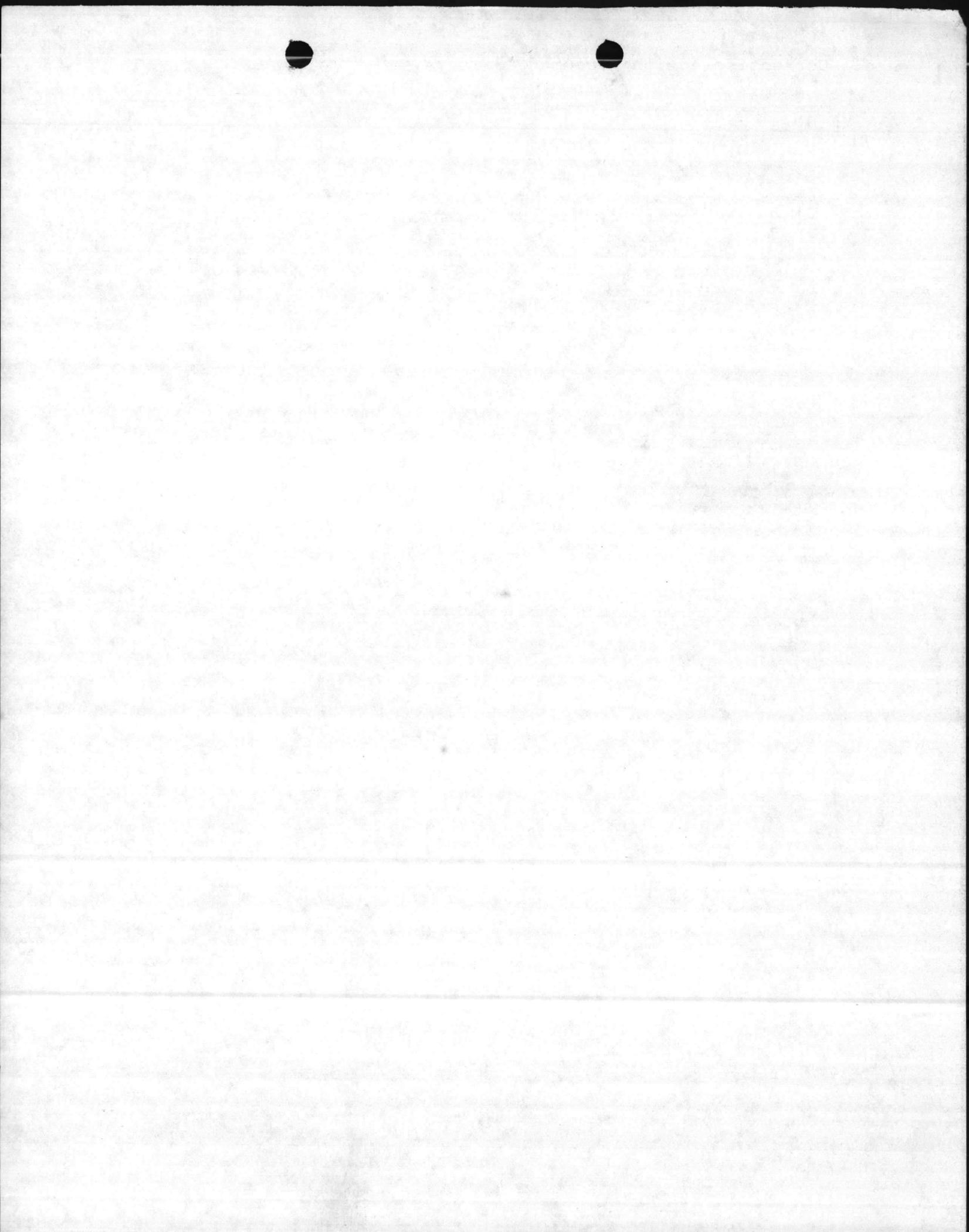
SIGNATURE: Thomas L. Allen



e. Corrective Action Recommended:

1. START INSPECTION LOG
2. MAINTAIN TEMP. RECORDS
3. POST Spill Response Sign AT STORAGE LOCATION

f. Sketch showing location of Facility:



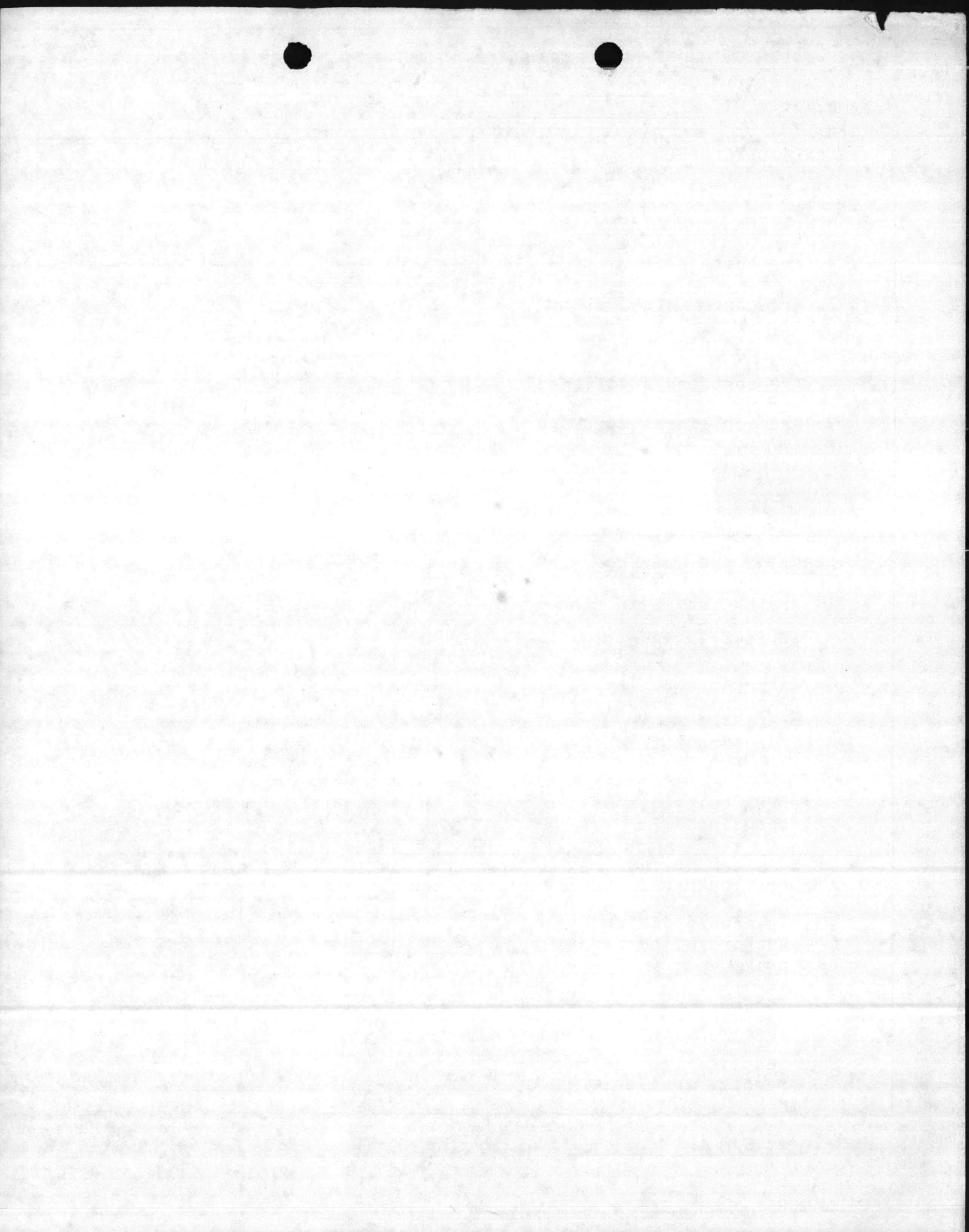
INSPECTION FORM FOR HAZARDOUS WASTE HANDLING AND STORAGE AREAS

Name of Facility: TAB 10th MAR
 Name/Title OIC: LT. Cieri (CPL McKINNEY, A TATT NCO)

AREA OF CONCERN	YES	NO	CORRECTIVE ACTION NEEDED (use back of page to list action taken)
A. <u>CONDITION OF CONTAINERS</u> 1. Are containers closed 2. Are containers leaking 3. Are containers bulging 4. Are containers collapsed 5. Are containers corroded 6. Are containers over-filled 7. Other problems present	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	
B. <u>LABELING AND MARKING</u> 1. Are HW labels in place 2. Are HW labels filled out 3. Are hazards (i.e., flammable, corrosive, etc.) labels or markings adequate	NOTE <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	NOTE! MARKED HW STORAGE LOCATIONS AS TO HAZARD
C. Are HWs being disposed of by deadlines	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D. <u>SECURITY AND EMERGENCIES</u> 1. Is access limited to authorized personnel only 2. Is emergency response information posted 3. Supplies and equipment readily available	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	

DATE: 13 FEB 86

SIGNATURE: Anthony M. [Signature]



e. Corrective Action Recommended:

1. NEED INSPECTION LOG STARTED
2. NEED TO MAINTAIN TRNG. RECORDS
3. POST EMERGENCY RESPONSE INFORMATION POSTED
4. GET COPIES OF 206240.5 + 11090.1B

f. Sketch showing location of Facility:

