000039

WESTON SPER

EPA Region 5 Records Ctr.
247121

Region V
Date 8/26/85
TDD# 5-8508-14

SAFETY PLAN

A. Incident Description

1. Location U.S. Scrap
~118 + Cottage Grove
Chicago Il

2. Date 8/26/85

3. Type: Spill [ ] Fire [X] HW Site [X] Other _____

4. Status Underground fire venting smoke from closed drum fill. Smoke emission put under control 8/19/85

5. Response Objectives Monitor underground fire and venting smoke - CERCLA action to control emissions, extinguish fire, Excavate Drums - Dispose of Contents

6. Background Review: Complete [X] Partial ~~[X]~~
If partial, why? Initially, no time. As of 8/26/85 review complete

7. Hazard Level: High [X] Moderate [ ] Low [ ] Unknown [ ]
Inhalation [X] Ingestion [ ] Contact [X] External [ ]

8. Site Plan/Sketch Attached Yes [X] No [ ]

9. Background Material attached Yes [ ] No [X]

B. Material Description

1. Type: Liquid [X] Solid [X] Sludge [ ] Vapor/Gas [X]

2. Chemical Name/Class Unknown initially - air monitoring results of venting smoke will be attached

3. Characteristics: Corrosive [X] Ignitable [X] Volatile [X]
Toxic [X] Reactive [ ] Biological Agent [ ]

4. Toxicity: TLV _____ IDLH _____

5. Special Hazards Possible Shock Sensitive, Bio-Waste, Radioactive

6. Acute Exposure Symptoms Shock Sensitive, Air Reactive, Water Reactive, Wastes Can explode upon sudden impact Causing injury due to shrapnel, fire etc.

SMG:as
11/24/82

REW RSW-396-1182

1. Size ~4½ acres

2. Surrounding Population moderate

3. Buildings/Homes Apartments, nursing home ~1 mile w. Single Family homes to west and south

4. Topography Relief slight, RR tracks bordering west side ≈15' above fill

5. Receiving Waters ~~[illegible]~~ Little Calumet River, [illegible]

6. Weather summer climate, warm, 70-75°F

7. Unusual Features Potentially shock sensitive, highly toxic pesticide &/or hospital med wastes buried on site. Two small pits on site containing water & Tar Mixtures

8. Site History Large quantities of drums, bulk liquids placed in fill capped w/ demo debris & soil,

D. Personnel Protection

1. Entry Level of Protective clothing : A [ ] B [X] C [X] D [ ]

2. If not B, why? C only in areas away from actively venting smoke – 10 meters upwind or any areas downwind of burn areas will require full level B protection

3. Site Instrument Readings:

% O2 down to 16% in venting smoke % LEL 6% in venting smoke
Radioactivity none over ambient HNU 45-70 ppm in venting smoke
OVA _____ Other attached list of drugs/monitor

4. Was protective level up or downgraded: Yes [X] No [ ]
Up or Down graded to: A [ ] B [ ] C [X] D [ ]
Why No increase in any readings over ambient levels once smoke emissions capped

Actual Change: Level C allowed near burn areas contingent upon absence of visibly venting smoke – all level C personnel still require monitoring for organic vapors and HCN (monitor)

5. Respirator Protective Equipment:

SCBA X
Gas Mask _____
Ultra Twin X
Dust Mask _____

Canister Type Organic/Acid Gas
Cartridge Type Organic/Acid Gas

6. Protective Clothing:

tyvek w/ hood	booties	
nitrile glove	safety boots	
surgical glove		

HNU	CGI (contractor availability)	
Rad meter	HCN, H-S monitor	
OVA	Drager tubes	

E. Decontamination Procedures

1. Attach sketch showing Exclusion Zone, Contamination Reduction Zone, Support Zone and numerically labelled Decontamination Stations.

2. For each decontamination station note procedure and materials needed on an attachment page.

F. General Information

1. Team members

Steve Fargan
Rich Gnat
Curt Michals

Jeff Stoffersohn	Paul Armian
Dave Pyles	Scott Springer
Rich Gnat	Dave Gates

2. Site Safety Coordinator Jeff Stoffersohn

G. Emergency Information

1. Have nearby people been evacuated: Yes [ ] No [X]
If yes ever how large an area _____

2. First Aid Instructions _____

3. Sources of help

	Name	Town	Phone	Notified Yes	Notified No
Fire	Chicago		911	X	
Police			911	X	
Ambulance			911		X
Hospital	Roseland Community		995-3000	X	
Poison Information	Rush Med Center		942-5969		X
Airport	Howell Airport	Crestwood	389-2231		X
Heliport			312-928-8219		
Site Telephone					
Nearest Telephone					

WESTON Hot Line	215-524-1925 or 1926
WESTON NPO	215-431-0797 or 0798 or 692-3030
P. B. Lederman - NPM	201-665-0359 (Home)
S. M. Gertz - HSO	215-667-5461 (Home)
Medical Emergency	513-421-3063 (National Service)
EPA - ERT Emergency	201-321-6660
Chemtrec	800-424-9300
Central Disease Control	404-329-3311 (day) 404-329-3644 (night)
National Pesticide Medical Emergency	800-845-7633 (Regional Service)

Prepared by Jeff Soffeah *
Date 8/26/85

Approved by [illegible]
Date 8/27/85

(For HSO Use Only)

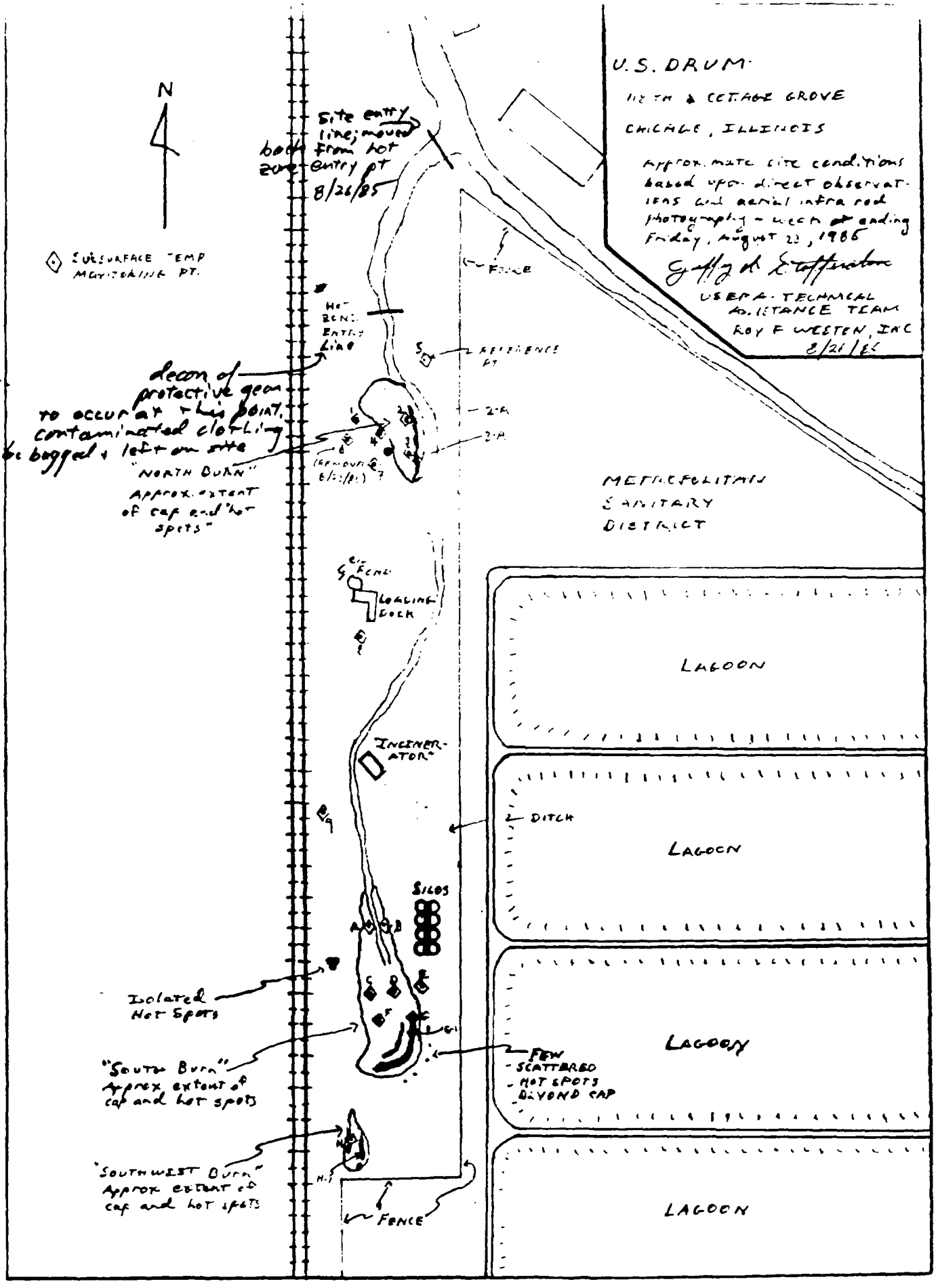
Reviewed and Comments _____

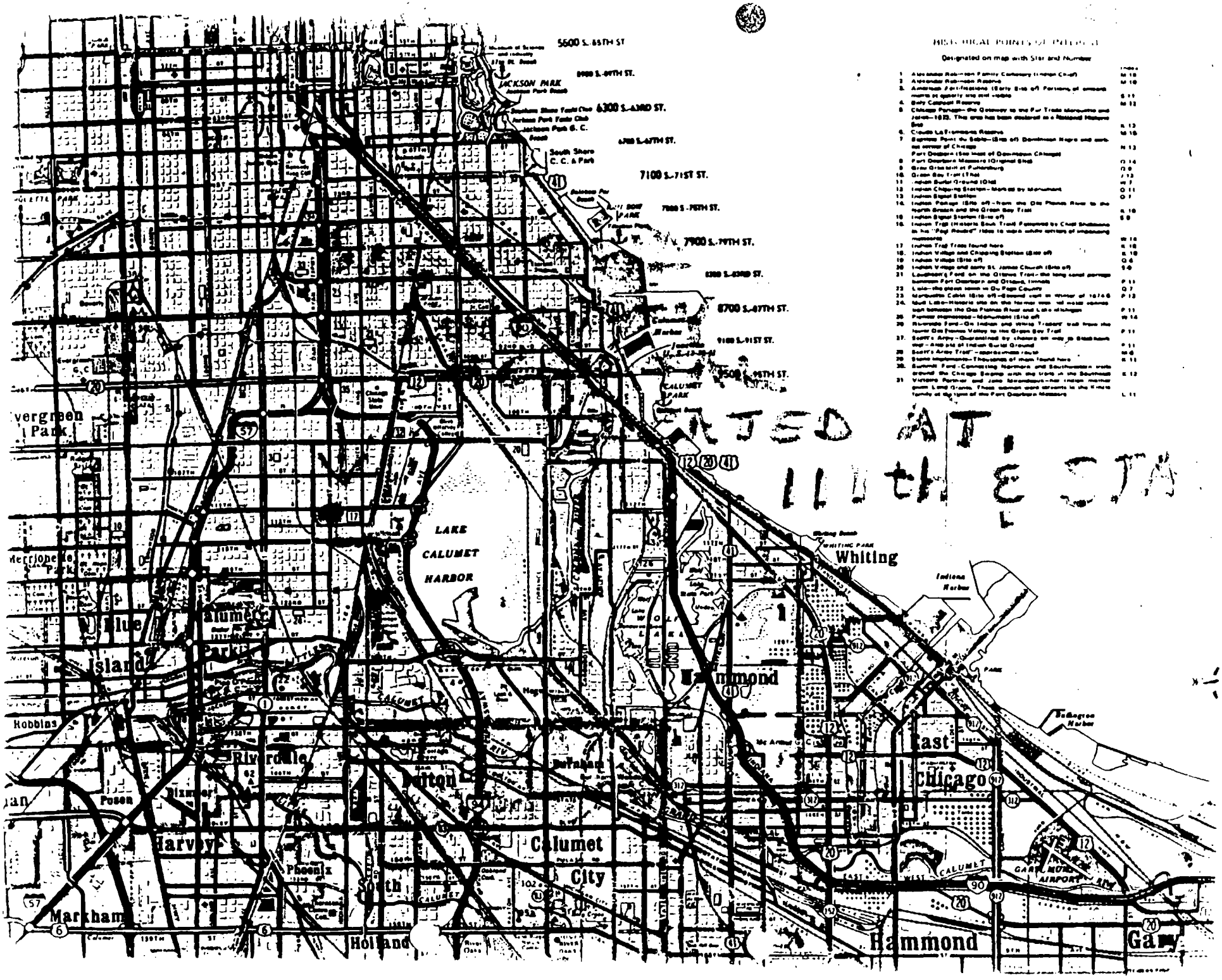
Action Required? Yes /_/ No /_/ If yes, what action _____

Followup carried out? Date _____

S. O. Signature _____ Date _____

* Original safety plan completed prior to first site visit last, this plan which includes updated information, replaces + supersedes initial plan JAS 8/26/85


U.S. DRUM
11ETH & COTTAGE GROVE
CHICAGO, ILLINOIS
Approximate site conditions based upon direct observations and aerial infra red photography - week ending Friday, August 23, 1985
USEPA TECHNICAL ASSISTANCE TEAM
ROY F WESTON, INC
8/26/85
N
SUBSURFACE TEMP MONITORING PT.
Site entry line; moved back from hot zone entry pt 8/26/85
FENCE
HOT ZONE ENTRY LINE
REFERENCE PT
decon of protective gear to occur at this point, contaminated clothing will be bagged & left on site
"NORTH BURN" Approx. extent of cap and "hot spots"
METROPOLITAN SANITARY DISTRICT
LOADING DOCK
LAGOON
INCINERATOR
DITCH
LAGOON
SILOS
Isolated Hot Spots
"SOUTH BURN" Approx. extent of cap and hot spots
FEW SCATTERED HOT SPOTS BEYOND CAP
LAGOON
"SOUTHWEST BURN" Approx. extent of cap and hot spots
FENCE
LAGOON


HISTORICAL POINTS OF INTEREST
Designated on map with Site and Number
5600 S.-85TH ST
JACKSON PARK
6300 S.-63RD ST.
7100 S.-71ST ST.
7900 S.-79TH ST.
8700 S.-87TH ST.
9500 S.-95TH ST.
LAKE CALUMET HARBOR
Whiting
Indiana Harbor
Hammond
East Chicago
Calumet City
Harvey
Riverdale
Dolton
Robbins
Posen
Blue Island
Markham
Holland
Hammond
Gary
GARY MUNI AIRPORT