US EPA RECORDS CENTER REGION 5
491361

ECOLOGY & ENVIRONMENT, INC.

SITE INSPECTION:

ILL. BRICK CO. YARD #17
1819 W. 119th ST. (119th & VINCENNES)
CHICAGO, ILL.

TDD: F05-8706036 PAN: FIL0532SA SSID: N/A

INTERVIEW HELD AT OFFICE OF
SITE REPRESENTATIVE AT:
SEXTON (PHONE: 449-1250)
~~1~~815 S. WOLFF RD. (WOLFF & CERMAK)
HILLSIDE, ILL. 60102

CHIEF INSPECTOR: GERARD BREEN

TEAM MEMBERS:

NAME	RESPONSIBILITY
GINA BAYER	SITE SAFETY OFFICER
KAREN McTIGUE	SAMPLER
KEN DULIK	TEAM MEMBER

SITE ACTIVITY DESCRIPTION

ARRIVAL AT INTERVIEW: DATE: 4-12-88 TIME: 9:00
DEPARTURE FROM INTERVIEW: DATE: 4-12-88 TIME: 10:30

ARRIVAL AT SITE: DATE: 4-12-88 TIME: 11:15
DEPARTURE FROM SITE: DATE: 4-12-88 TIME: 17:40

BOOK ONE OF ONE

SCIENTIFIC BINDERY PRODUCTS CHICAGO

GB

ONGOING WEATHER CONDITIONS:

DATE: 4-12-88

SUNNY, CLEAR, COOL

~ 45-50° IN MORNING

50°-60° IN AFTERNOON

PARTICIPATING PERSONNEL: AT INTERVIEW

NAME	AFFILIATION	DUTIES
MARY DRAKE	SEXTON	STAFF COUNCIL
LARRY BOETTCHER	SEXTON	DIRECTOR OF OPERATIONS
RICHARD ELDRIDGE	~~ELDRIDGE~~ EEA ENGINEERING	SITE ENGINEER
ARTHUR DANIELS	SEXTON	PRESIDENT
JOE BENEDICT	SEXTON	DIRECTOR OF REGULATORY AFFAIRS
MICHAEL LAND	SEXTON	ENVIRONMENTAL AUDITOR
JEROME KAMIENIECKI	EEA	SENIOR PROJECT ENG.
ROBERT RENGUSO	EEA	GEOLOGIST
DANIEL ZINNEN, E.I.T.		FIELD SERVICES

: AT SITE

MICHAEL LAND	SEXTON	ENVIRONMENTAL AUDITOR
~~JERRY KAMIENICKI~~	~~ELDRIDGE ENG.~~	GLB
BOB RENGUSO	EEA. "	GEOLOGIST
DAN ZINNEN	EEA	FIELD SERVICES

PROPOSED WORK SUMMARY

TEAM MEMBERS WILL COLLECT ~~SIX~~ FIVE GLB ON-SITE SOIL SAMPLES.

PACKAGE SAMPLES AND SHIP TO LABS VIA FEDERAL EXPRESS.

TDD: F05-8706-036

GLB

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INTERVIEW WITH SITE REPRESENTATIVES:

OWNER INFORMATION >

CURRENT OWNER: JOHN SEXTON CONTRACTORS CO.
~~1~~815 S. WOLF RD.
HILLSIDE, IL 60162

DUN & BRADSTREET #: SIC CODE:

PARENT COMPANY: NONE

PREVIOUS OWNER: ILL. BRICK COMPANY

· OPERATOR INFORMATION ·

~~GB~~ ~~CUB~~ PREVIOUS OPERATORS: J. SEXTON CONTRACTORS CO.

PARENT COMPANY: NONE

YEARS OF OPERATION: 1955-1966

PREVIOUS OPERATORS: Ill. BRICK COMPANY

PARENT COMPANY: OLD FORT INDUSTRIES INC.

YEARS OF OPERATION: 1930-1952

CONTACT PERSON: JOHN GORMAN (V.D.)

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TRANSPORTER: City of Chicago
City of Blue Island
~~City~~ Village of Calumet Park

YEARS AS TRANSPORTER: ≃ 1955 - 1966

CONTACT PERSON:

Local transporters - These municipalities had their own vehicles to transport the municipal, etc. waste that was disposed of in the land fill.

ANY GENERATION OF WASTES ON SITE?
NO

LB

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DESCRIPTION OF WASTES

PHYSICAL STATES- SOLID
ARTHUR PAMELS STATES THAT NO LIQUID WASTE WAS DISPOSED OF AT THE SITE

WASTE TYPE- MUNICIPAL WASTE MOSTLY, SOME INDUSTRIAL POSSIBLY DISPOSED HERE

QUANTITIES- UNKNOWN; NOTIFICATIONS STATE > 3,000,000 yds^3

OTHER HAZARDOUS SUBSTANCES- NO

ANY COMPANIES WHO DISPOSED- NO CONTRACTS; POSSIBILITY EXISTED BECAUSE TRUCK WOULD PAY BY THE LOAD - WHERE THEY CAME FROM IS NOT NOW KNOWN.

ANY BARRELS ACCEPTED- NOT KNOWN

GB

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DESCRIPTION OF DISPOSAL PRACTICES AND LANDFILL OPERATIONS:

DISPOSAL COVERED HOW MUCH OF THE SITE?

All of it, YES

ANY LINERS OR LEACHATE COLLECTION?

NO

JUST NATURAL CLAY LINER/SUBSTATE

HOW MUCH DAILY COVER?

ON-SITE CLAY WAS USED AS COVER - WEST SIDE FILLED FIRST

CHARACTER OF THE FINAL CAP?

2' to 10' - Fill was added as settling occured.

ANY LEACHATE SEEPS OR LAND SUBSIDENCE? (IF YES, ANY CHEMICAL ANALYSIS DONE?)

OVER THE YEARS, NOW STABILIZED

ANY SPILLS OF HAZARDOUS SUBSTANCES?

NO

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CLAY THAT WAS REMOVED BY ILL. BRICK COMPANY CREATED A PIT EXCAVATION ≃ 30-35' DEEP

1977-1979 CREOSOTE FROM TIES THAT WERE REMOVED

RAILROAD STACKED TIES ALONG TRACK FOR LENGTH OF SITE

SMALLER AREA (EAST) WAS HOLDING WATER AND FILLED LAST.

DESCRIPTION OF PATHWAYS/RECEPTORS:
(PART 3 OF EPA FORM 2070-13

GENERAL QUESTIONS:

72 ACRES ON-SITE

0 BUILDINGS

0 WORKERS

WELLS ON-SITE? NO

TYPE: DEPTH:

ANALYSIS DONE? N/A

SITE FENCED? NO CABLES, BERMS RR.

LOCKED GATES? NO

OTHER SURVEILLANCE? NONE

REQUEST SITE SKETCH/MAP:
GIVEN TWO COPYES DURING INTERVIEW.

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METHANE GAS DETECTED WHEN SOIL BORINGS WERE OBTAINED.

ILLEGAL / UNAUTHORIZED DUMPING:
SITE REPS STATE THAT CONCRETE, TREES AND OTHER SUCH 'FLY DUMPING' WAS THE ONLY UNAUTHORIZED DUMPING ON-SITE.

THE ABSENCE OF FENCING HAS LEFT THE OPPORTUNITY FOR 'MIDNIGHT DUMPING' TO HAVE OCCURRED OVER THE YEARS.

GB

PERMIT INFORMATION: NO PERMIT

PAST RESPONSE ACTIVITIES AND ENFORCEMENT INFORMATION:
(PART 10-11)

WASTE MATERIAL REMOVED — ARTHUR PARKER STATES THAT 'FLY DUMPING' MATERIALS HAVE BEEN REMOVED OVER THE YEARS. NONE OF THE ORIGINALLY LANDFILLED MATERIAL HAS BEEN REMOVED.

DIKING WAS CREATED ON/AROUND THE EASTERN SIDE OF THE SITE — BUT THIS WAS NOT AN EMERGENCY RESPONSE INITIATIVE.

BERM WAS BUILD UP TO TRY TO DISCOURAGED "FLY DUMPING".

NO PAST REGULATORY OR ENFORCEMENT ACTION.

SCIENTIFIC BINDERY PRODUCTS CHICAGO

GLB

Richard Eldridge gave estimates of population within
1 mile ≃ 25,000
2 mile ≃ 50,000
3 mile ≃ 75,000

Also clay permeability quantified at 10^{-7}-10^{-8} cm/sec

Ill Brick's brick making operations were housed on-site.

ISWS gave Richard Eldridge information that there may be 15 wells w/ 2 miles of site. probably industrial

No derailments were noted to have occured from the rails that split the site.

Daily cover 2-4" dirt
Final cap at least 2' clay (reworked)

No liquid waste

Site Superintendent - Ford (killed in auto accident)
Northern part of site - solid fill

Land trade w/ Asphalt (Gallagher) ≃ 10 years ago

Eileen Sexton - sole owner
held in trust John Sexton
died 1960

Frank Sulkas - longest time as employee during landfilling (bookkeeper)
possible site for White Sox stadium
1955 - 1966 - when most waste disposal probably occured
Venting flares for several years
settling - added dirt, etc over the years
no flares today
Minimum of 2 feet cover

GB

EQUIPMENT: SAFETY

TYPE	ID #	CALIBRATION RESULTS
RAD-MINI	4/955B F	checked with lantern mantle
MONITOX (HCN)	611983/611978 C	to 10 ppm w/ HCN generator
OVA	185542	at warehouse

NOTES ON EQUIPMENT:

RESULTS OF SITE SAFETY SCREENING PROCEDURES.

EQUIPMENT USED	BACKGROUND READINGS IN BREATHING ZONE	ON-SITE READINGS IN BREATHING ZONE
RAD-MINI	< .01 mR/HR	< .01 mR/HR
MONITOX (HCN)	0 ppm	0 ppm
OVA	0-3 ppm fluctuating w/ wind	* SEE BELOW OCCILATED FREQUENTLY 0 – 3 ppm METHANE (WIND CAUSED)

METHANE TIP ADDED TO OVA CONFIRMED METHANE PRESENCE OF 7100 ppm AT SITE OF SOIL SAMPLE 5 AND 4

* SEVERAL AREAS ON-SITE READ 0-7 ppm METHANE IN the breathing ZONE. Gas venting pipe read 50-100 ppm at opening. Bubbling methane & leachate seep at wetland area (S5) read 300 – 1000+ ppm METHANE

CAMERA DOCUMENTATION:

TYPE – YASHICA T2

I.D. # – 611273

FILM TYPE – KODACOLOR VR-G
ASA 100 CN 135-24

RB

ROLL 2

1	NE	EAST SIDE/RUBBLE	15:23
2	NW	CHILD'S USE	15:25
3	NE	TRAILER PARK FROM N BOUNDRY OF EAST SIDE	15:33
4	S	DRAINAGE OF NORTHEAST	15:35
5	N	METHANE BUBBLES	15:43
6	NW	EMPTY BARREL IN DITCH w/ CATTAILS	15:47
7	~~S~~W 2B	S~~4~~ 2B -Close-up	15:55
8	W	S~~4~~ 2B FAR VIEW	15:57
9	NW	S5 Close-up	16:05
10	NW	S5 FAR VIEW	16:05
11	E	S6 close-up	16:50
12	E	S6 FAR VIEW	16:51
13	E	S7 close up	16:56
14	E	S7 FAR VIEW	16:58

2B

• PHOTOGRAPHS •

FRAME #	DIRECTION	LOCATION/SUBJECT	TIME
1	N	NORTHERN PORTION	11:40
2	NW	NORTHWEST CORNER	11:42
3	NW	DEBRIS PILES	11:50
4	SSE	SOUTHEAST PORTION	11:52
5	SSW	SOUTHWEST PORTION	11:54
6	N	PIPE & ASPHALT PLANT	11:55
7	N-NE	WET AREA	12:02
8	NW	COLORED SEDIMENT	12:04
9	SW	WEST PERIMETER-HOMES	12:07
10	E	ALONG SOUTH PERIMETER	12:17
11	W	GAS PIPE 100-1000+ PPM METHANE	12:20
12	E	DRAIN PIPE - SOUTH END	12:22
13	S	SITE REPS - SOUTH PERIMETER	12:23
14	NE	DRAINAGE DITCH - SE CORNER	12:30
15	E	EAST PORTION ACROSS TRACKS	12:37
16	N NE	ASPHALT PLANT	12:40
17	W NW	NORTH ENTRANCE (119TH ST)	12:48
18	N	S1 - CLOSEUP	14:10
19	SE	S1 - LONG VIEW	14:10
20	ENE	S2 - CLOSE UP	14:37
21	ENE	S2 - LONG VIEW	14:37
22	S	S3 - CLOSE UP	15:03
23	S	S3 - LONG VIEW	15:04
24	N ~~S~~ 2B	SEEPAGE TO SOUTH	15:05

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2B

- PHOTO DESCRIPTIONS -

PHOTO #1 ROLL 1 DID NOT DEVELOP
7-6-88 GB

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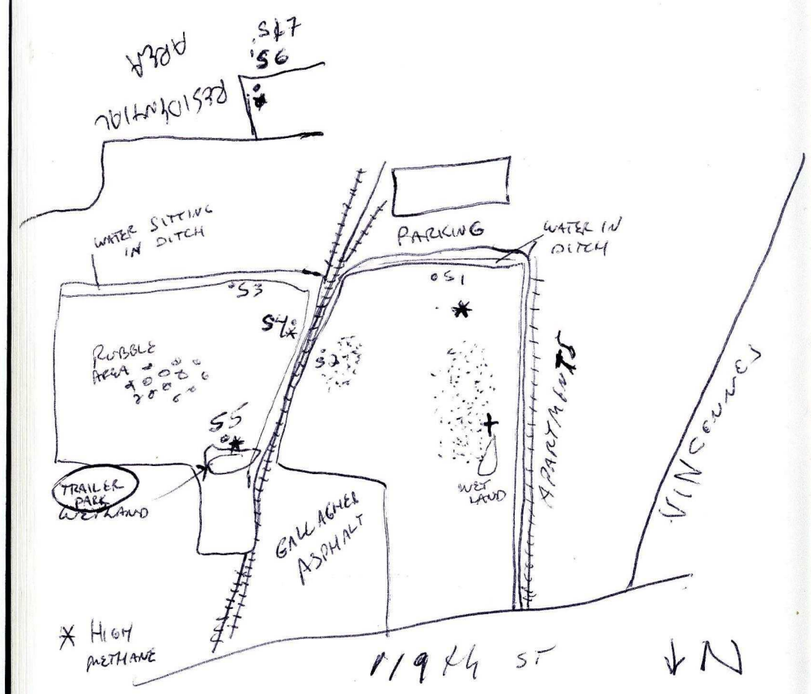
SCIENTIFIC BINDERY PRODUCTS CHICAGO

SITE SKETCH MAP

TROUBLE MAKERS PARK



+ - FIRST AREA WHERE S1 ATTEMPTED TO BE TAKEN. FILL MATERIAL REACH 1-2 FEET DEEP

∴ - BROKEN BLACK CHIPS (POSSIBLY BATTERY PIECES) SCATTERED ON SURFACE AND BURIED.

MANY BIRDS WERE OBSERVED DURING SITE INSPECTION; DOVES, ROBIN, PHEASANT, AND A HAWK. ONE RABBIT WAS ALSO OBSERVED.

SCIENTIFIC BINDERY PRODUCTS CHICAGO

SAMPLING - SUMMARY PAGE -

EQUIPMENT:

- STAINLESS STEEL BOWLS
- STAINLESS STEEL TROWELS
- BUCKET AUGER
- POST HOLE DIGGER
- SPOONS

TYPE AND NUMBER OF SAMPLES:

~~SIX~~ FIVE ON-SITE SOIL SAMPLES

COMPOSITE GRAB

AT-DEPTH SURFACE

HOW DEEP? S1 - 1/2 FOOT

S2 - 1 1/2 FEET to 2 FEET

S3-S5 - ~~SURFACE~~

S6/S7 - SURFACE / 1 FOOT

SAMPLES WERE SPLIT WITH SITE PERSONNEL:

YES ✓ NO ___

GB

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SAMPLING OF ILL. BRICK CO. YARD # 17

TIME	STATION/LOCATION	OTR	ITR	DESCRIPTION	TAGS
1410	S1	ER 992	MET051	BLACK/BROWN ORGANIC SILTY LOAM CRUMB	5-083005-8
1435	S2	ER 993	MET052	BLACK/BROWN DRY SILTY LOAM	5-083009-12
1500	S3	ER 994	MET053	GRAY, VERY MOIST, SILTY	5-083013-16
1555	S4	ER995	MET054	GRAY, MOIST, CLAY LOAM	" 17-20
1605	S5	EN551	MEP773	GRAY, MOIST, CLAY LOAM	" 21-24
1650	S6 } BACKGROUND 'TROUBLEMAKERS PARK'	EN552	MEP774	BROWN SILTY/SANDY LOAM	" 25-28
1710	S7	ER 720	MEP 775	" " "	" 29-32

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COOLER # 35 (ORGANIC)

LAB: ENV. MONITORING SYSTEMS
ADDRESS: 7901 W. MORRIS ST.
INDIANAPOLIS, IN 46231
CONTACT: STEVEN BROCHERTON

CUSTODY SEAL NUMBERS: 10655, 10654
CHAIN OF CUSTODY NUMBER: 5-13279
AIRBILL NUMBER: ~~5768192732~~ 6134126003

SAMPLE #	LOT NUMBERS 120 ML	8 oz
S 1	D7254051	E7232062
S 2	"	E7232062
S 3	"	E7232062
S 4	"	E7232062
S 5	"	E7232062
S 6	"	E7232062
S 7	"	F6349132

GB

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COOLER # 231 (INORGANIC'S)

LAB: CSMRI ANALYTICA INC.
ADDRESS: 5930 McINTYRE ST.
GOLDEN, CO 80403
CONTACT: AUDREY BYRNES

CUSTODY SEAL NUMBERS: 10665, 10666
CHAIN OF CUSTODY NUMBER: 5-13270
AIRBILL NUMBER: ~~576819274 3~~ 6134126014

LOT NUMBERS

SAMPLE #	120 ML	8 oz
S1	D7254051	~~A7232062~~
S2	"	"
S3	"	"
S4	"	"
S5	"	"
S6	"	"
S7	"	~~F6349132~~

GB

CLOSE-UP AND PERSPECTIVE PHOTOGRAPHS WERE TAKEN ON EACH SAMPLING LOCATION. PHOTOGRAPHS OF BOTH OPEN AND CLOSED COOLERS WERE TAKEN WITH PROPER PAPER WORK AND PACKAGING.

GB

• DESCRIPTION OF SAMPLES •

SAMPLE	STATION/LOCATION	DESCRIPTION	MAP LOCATION
S 1	CRUMB, SILTY, ORGANIC		~~S12~~ 2009 S1
S 2			S2
S 3			S3
S 4	* SEE PAGE 18		S4
S 5			S5
S 6			TROUBLE MAKER S6
S 7			PARK S7

Couldn't sample because of rock - moved S1 12 feet NW and acquired sample. West edge of site 1/3 from north end. Kept on reaching fill material in this area. Many black plastic/rubber chips broken and scattered over large area and found buried below surface (+ on sketch)

Evidence that fill material is approximately two feet below surface; some areas 1-2 feet or less.

GB

SCIENTIFIC BINDERY PRODUCTS CHICAGO

◦ DECONTAMINATION PROCEDURES ◦

TYPES OF SOLUTIONS:

ALCONOX & H_2O

PROCEDURES FOR PERSONNEL:

REMOVED TYVEX AND RUBBER BOOTIES, DECONED BUTYL RUBBER GLOVES AND REMOVED DISPOSABLE GLOVES.

PROCEDURES FOR EQUIPMENT: WASHED WITH WATER AND GAVE FINAL RINSINGS WITH DISTILLED WATER.

PROCEDURES FOR SAMPLE CONTAINERS:

USED DISTILLED WATER AND PAPER TOWELS TO CLEAN THE OUTSIDE OF SAMPLE BOTTLE.

DISPOSAL OF GENERATED WASTES: WAS BAGGED IN DOUBLE PLASTIC AND REMOVED FROM SITE TO DISPOSE OF ~~ELSEWHERE~~ GB OFF-SITE.

GB

SCIENTIFIC BINDERY PRODUCTS CHICAGO

"ADDITIONAL COMMENTS/NOTES."

STRESSED VEGETATION &
EVIDENCE OF RECREATIONAL
ACTIVITY ON-SITE – EAST SIDE
NEAR SOUTH PERIMETER

SEVERAL SETTLEMENT AREAS
TO THE EAST OF DEBRIS PILES
ON EAST SIDE OF SITE

LARGE WET AREA ON NORTH PART
OF EAST SIDE. METHANE AT ≈
150 ppm. BUBBLES COMING OUT/CAUSED
IN WETLAND. METHANE RANGE 100 – 1000+ ppm.
SAME IN GULLY NEARBY i.e. 20'
WEST. METHANE 7100 ppm

Gerald E. Breen
4-12-88

SCIENTIFIC BINDERY PRODUCTS CHICAGO

R. Bayer

Interview - Ill. Brickyard

4/12/88

documents - map
60's not there

clay pit
Sexton 50's

quit - clay got too hard

Blue Island - another LF
by Ill. Brick

natural clay liner
Frank Swlkas - longest employee
bookkeeper

Ill. Brick - 71st & State 1955 - 1966 land filling
1st landfilling site

owned personally by Eilene Sexton - trust
died '66
John Sexton - owned property, Mrs. Sexton owns it now

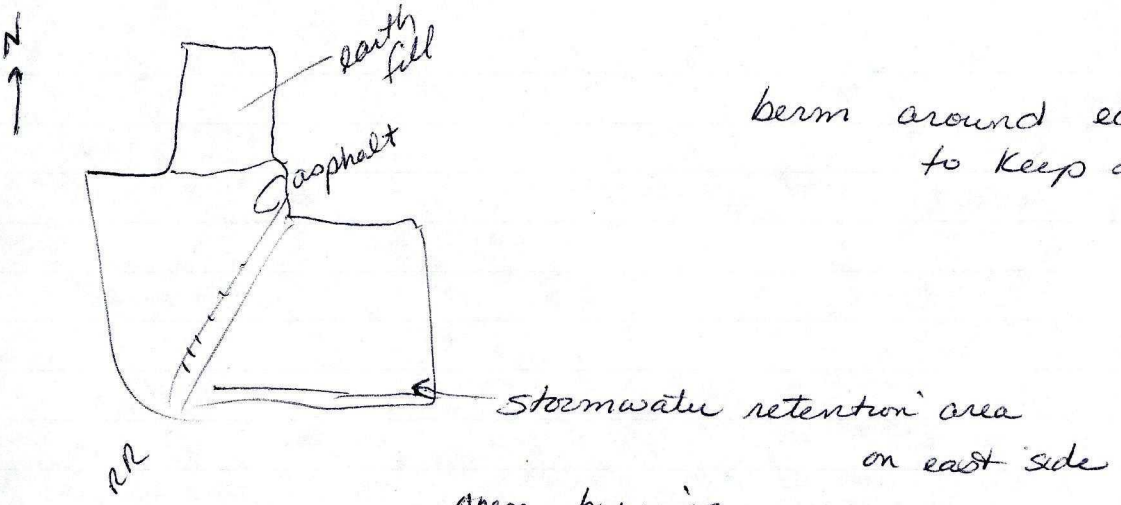
no parent co. held in trust
Ill. Brick Co. - previous owners
site vacant being maintained last 20 yrs.
gas flares - natural venting
10-15 yrs.
added dirt - settlement factor
broken concrete

roadway areas
2-10' cover over LF
real estate trade w/ asphalt company ≅ 10 yrs. ago
boundary lines not marked
Sexton - operator also superint. dead

transporters
City of Chicago
" Blue Is
Village of Cal. Park
most of municip. in area

RR track Park Is.
2 separate properties -

R. Bayer



berm around edges
to keep out dumpers

open burning

mun. waste
cinders, ash
ind. waste
no liquids accepted

very localized garbage

no sludges

years of open burning?

quantity from 103c form

no haz. wastes known

gate - with general fee for public
possible for generators to bring in own

daily cover - on-site materials

western hole filled
1st - from U.S. Topo maps

leachate seeps in past
no spills - haz.
except perhaps from RR
no knowledge

elevation of LF bottom
30' Buck Co.
5' Sexton

pulled ties, in drainage ditch 1977-1979
w/ creosote 1000s - stacked
roundhouse just south of site
east side filled / water ~~1976~~ 1957

72 acres
no bldgs.
no workers now

how many at time of op.

site not fenced
cables - on 119th St.
berms

no permits
Water Survey 15 wells
air - open burning - natural gas flares
no injuries - 4 workers

R. Bayer

taken off site - clean up of unauthorized dumping

burning of flares

mayor interested in putting in road thru site N to S

119 Asphalt
park in front of gates

to state to Cicero - 127th right - Uncen.