

**Ministry of
the Environment**

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

**Ministère de
l'Environnement**

Bureau de l'accès à l'information
et de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Télééc. : (416) 314-4285



RECEIVED

JUN 18 2007

June 14, 2007

Mr. Mark Kozak
Stantec Consulting Ltd
361 Southgate Drive
Guelph ON N1G 3M5

Dear Mr. Kozak:

**RE: *Freedom of Information and Protection of Privacy Act* Request
Our File # A-2007-02174, Your Reference 160960180**

This letter is further to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 455 Front Road, Kingston (Closed Landfill MOE's Waste Disposal Site).

Attached is a copy of the records.

If you have any questions regarding this matter, please contact Fred Ruitter at (416) 314-1225.

Yours truly,



Donna Currie
FOI Coordinator
Information Management and Access Branch

Attachment

MINISTRY OF THE ENVIRONMENT - ONTARIO
JUL 19 1988
KINGSTON - ONTARIO

Approvals Branch

EA-06 02
A 380804

July 13, 1988

Mr. D.T. Dickson, P. Eng.
Environmental Affairs
Dupont of Canada Limited
Kingston Site
P.O. Box 2100
Kingston, Ontario
K7L 4Z6

Dear Sir:

Re: Revocation of Provisional Certificate of Approval
No. A 380804

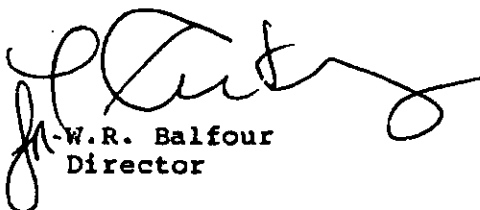
Please find enclosed a Notice of Revocation of your Provisional Certificate of Approval No. A 380804 for a landfilling site located on Lot 10, Broken Front Concession, Township of Kingston, County of Frontenac.

Having submitted on May 25, 1987, a closure plan, implemented its provisions, and submitted a follow-up report on June 17, 1988 demonstrating satisfactory completion, you have complied with the requirements of Kingston District Office, Abatement Section's letter of January 9th, 1987 and the above certificate may now be revoked.

You are reminded that any future use of this site is still subject to Section 45 of the Environmental Protection Act for a period of 25 years since having ceased operations at this site.

We trust this to be satisfactory. Should you have any further questions regarding this matter, please contact Mr. Charles Bernard Mathé, Review Engineer, Waste Sites and Systems at (416) 323-4434.

Yours truly,


W.R. Balfour
Director

Enc.
CBM/cp
c.c. M.M. Holy
R. Lyness

NOTICE

C-JP

EA 0602
More A380804

TO:

Mr. D.T. Dickson, P. Eng.
Environmental Affairs
Dupont of Canada Limited
Kingston Site
P.O. Box 2100
Kingston, Ontario
K7L 4Z6

THIS IS A TRUE COPY OF THE
ORIGINAL NOTICE MAILED

ON July 15 1987

SIGNED

In accordance with Section 121(1)(e) of the Environmental Protection Act, as amended, I hereby give notice that I have revoked, under Section 38(2)(e) of the Act, your Provisional Certificate of Approval for a Waste Disposal Site No. A 380804 issued on 14th day of August, 1980.

The reasons for revoking your Provisional Certificate of Approval No. A 380804 are that:

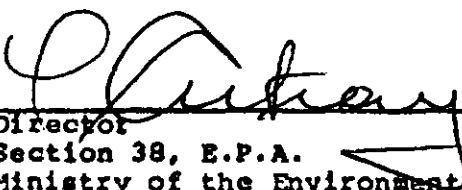
I have been advised by this Ministry's Kingston District Office, that you are no longer operating the waste disposal site approved under the Provisional Certificate of Approval No. A 380804 and that closure and provisions for site monitoring and post closure maintenance are satisfactory.

Under Section 121(1) of the Environmental Protection Act you may require a hearing by the Environmental Appeal Board, if within 15 days after service of this notice, you serve written notice upon the Environmental Appeal Board and on me. Section 122a of the Environmental Protection Act, as amended in 1983, provides that the Notice requiring the hearing shall state the portions of each term or condition in the approval in respect of which the hearing is required and the grounds on which you intend to rely at the hearing. This notice should be served upon:

The Secretary
Environmental Appeal Board
40 St. Clair Ave. West
6th Floor
Toronto, Ontario
M4V 1M2

AND The Director
Section 38, E.P.A.
Ministry of the Environment
135 St. Clair Ave. W.
Toronto, Ontario
M4V 1P5

Dated at Toronto this 13th day of July, 1987.


Director
Section 38, E.P.A.
Ministry of the Environment



Ministry
of the
Environment

Provisional Certificate No. A 360804

PROVISIONAL CERTIFICATE OF APPROVAL WASTE DISPOSAL SITE

Under The Environmental Protection Act, 1971 and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to:

Dupont of Canada Limited
Kingston Works
P.O. Box 2100
Kingston, Ontario

for the use and operation of a 0.1 hectare landfilling site within a total area of 130 hectares

all in accordance with the following plans and specifications: the application and supporting information forms dated Sept. 3 and Aug. 20, 1975 respectively.

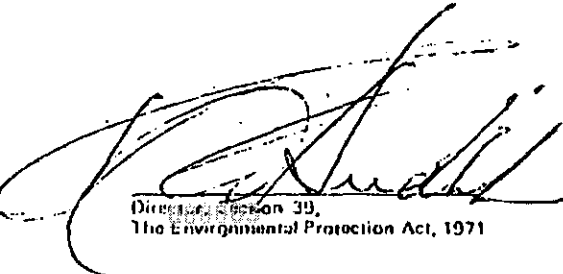
Located: Lot 10, Broken Front Concession *455 Front Road*
Township of Kingston
County of Frontenac More particularly described on the attached
Schedule "A".

which includes the use of the site only for the disposal of the following categories of waste (NOTE: Use of the site for additional categories of wastes requires a new application and amendments to the Provisional Certificate of Approval) hauled liquid industrial waste limited to class 402 as described in the attached "Classification Guideline for Hauled Liquid Industrial Wastes", December, 1978.

and subject to the following conditions:

1. No operation shall be carried out at the site after sixty days from this condition becoming enforceable unless this Certificate including the reasons for this condition has been registered by the applicant as an instrument in the appropriate Land Registry Office against title to the site and a duplicate registered copy thereof has been returned by the applicant to the Director.

Dated this 14th day of August, 1980


Director, Section 39,
The Environmental Protection Act, 1971

SCHEDULE "A"

ALL AND SINGULAR that certain parcel or tract of land and premises, situate lying and being in the Province of Ontario, in the County of Frontenac, in the Township of Kingston, containing an area of .325 acres more or less, and comprising that portion of Broken Front Lot 10 in the Broken Front Concession in front of Concession 1, in said Township designated as Part 2, on a plan of survey made by David T. Humphries, Ontario Land Surveyor, dated the 26th September, 1980, and deposited in the Land Registry Division for Frontenac (No.1) on the 29th September, 1980 as Reference Plan 13R-4312 which said plan forms a part of this legal description.

Under The Environmental Protection Act, 1986
Limitations thereof, this instrument is

PROVISIONAL CERTIFICATE OF APPROVAL

DATED THE 14th DAY OF
AUGUST, 1980

BETWEEN

THE DIRECTOR
-and-

DUPONT OF CANADA LIMITED
KINGSTON WORKS

340009

No. 340009
Registry Division of Frontenac (No. 13)
I CERTIFY that this instrument is registered as of

2:23 P.M.
Land Registry Office
Kingston,
Ontario.

OCT 14 1980

W. D. Robertson Land Registrar

KINGSTON - ONTARIO
OCT 24 1980
PROVISIONAL CERTIFICATE
OF APPROVAL
UNDER
THE ENVIRONMENTAL
PROTECTION ACT, 1971

LOT 10, BROKEN FRONT CONCESSION
TOWNSHIP OF KINGSTON
COUNTY OF FRONTENAC
DUPONT OF CANADA LIMITED
KINGSTON, ONTARIO

MEMORANDUM

07 July 1988

TO: D. Andrijew, Supervisor
Wastes Sites and Systems Approvals Unit
135 St. Clair Ave. West, 8th Floor
Toronto, Ontario
M4V 1P5

FROM: M.M. Holy, Chief
Approvals & Planning
Technical Support Section
Southeastern Region

RE: Revocation of Provisional Certificate of Approval
#A380804
DuPont of Canada Ltd., Kingston Township
Lot 10, Broken Front Concession

Enclosed please find copies of the following documents:
Provisional Certificate of Approval #A380804, Notice of
Registration, location diagram, MOE letter requesting closure
procedures, DuPont letter dated May 25, 1987 detailing
closure plans, DuPont letter of June 17, 1988 providing final
contours and photos, and the Recommendation of District
Officer.

The waste disposal site was closed in May 1986. The site has
since been graded and revegetated. The firm is now
requesting the Certificate of Approval to be revoked.

Since the site has not been utilized since May 1986 and the
cover is stable, I trust the enclosed material is sufficient
to allow revocation to proceed.


M.M. Holy

TG/sh

Enclosures

bcc: R. Lyness

- File EA-06-02, A380804

000007

February 9, 1987

Mr. D.T. Dickson, P. Eng.
Environmental Affairs
DuPont Canada Inc.
Kingston Site
P. O. Box 2100
KINGSTON, Ontario
K7L 4Z6

Dear Mr. Dickson:

The Ministry recently issued a Conditional Certificate of Approval (# 4-089-85-866) to DuPont for a new waste disposal lagoon. The previous disposal area was licenced as provisional Certificate of Approval A380804. The site is at capacity and subsequently will no longer be used. Development of site closure procedures are now required.

Site closure should include grading, compacting and the covering of waste with cover material. The top of the site should be gently sloped to promote runoff. Revegetation should be undertaken to reduce runoff, infiltration, erosion, and to promote evapo-transpiration. A site plan and final contours are also required.

The site closure plan will be evaluated and after a visual monitoring period revocation of the Certificate will be recommended.

If you have any questions concerning the above, please do not hesitate to contact me.

Yours truly,

RL

R.H. Lyness
Environmental Officer
Abatement Section
Kingston District Office

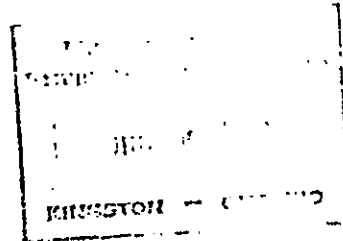
/cc

X bcc: File AB 08-02-02 DuPont Kingston

A380804



Shaping the Future



P.O. Box 2100, Kingston, Ontario K7L 4Z6 (613 (544-6000)

1988 June 17

Ministry of the Environment
Abatement Section
Kingston District Office
P.O. Box 820
KINGSTON, Ontario
K7L 4Z6

Attention: Mr. R.H. Lyness, Environmental Officer

Dear Sir:

CLOSURE OF DARCO PIT NO. 3:
PROVISIONAL CERTIFICATE OF APPROVAL A380804

As requested, two copies of a site plan with final contours of the Obsolete Darco Pit No. 3, which ceased operation in 1986 May, are enclosed. The top of the site has been gently sloped to promote run-off, and the five enclosed photographs illustrate the vegetation that now covers the site.

We trust that the contours and vegetation growth meet Ministry requirements, and will allow you to proceed with revocation of the site certificate.

Yours truly,

DU PONT CANADA INC.

April Hayes

April Hayes
Personnel Group
Kingston Site
Manufacturing Group

ADH/smm
Attachment





3. W 0+25
S 18+75

1988 JUNE 16

Standing on eastern edge of Darco Pit #1 (obsolete) facing southwest. Northern edge of bank in background.



W 1+60
S 18+25

1988 JUNE 16

Standing north of obsolete Darco Pit #3 facing south. Stake in foreground is W 1+50, S 18+50; elevation 266.4'.



5. W 1+75
S 19+30

1988 JUNE 16

Standing partway down bank, facing north. Overlooking obsolete Darco Pit #3.



1. W 1+60
S 17+75

1988 JUNE 16

Standing on stone roadway, facing
south, overlooking south edge
of road.



2. W 3+50
S 18+95

1988 JUNE 16

Standing on northern edge of bank,
facing northeast. Darco Pit #3
in background.

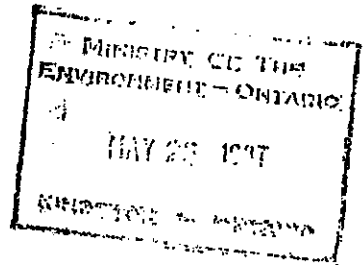
DUPONT CANNON - KINGS
A380804
A 3808



P. O. Box 2100, KINGSTON, Ontario K7L 4Z6 613 - 544-6000

1987 May 25

Ministry of the Environment
Abatement Section
Kingston District Office
P. O. Box 820
KINGSTON, Ontario
K7L 4Z6



Attention: Mr. R. H. Lyness
Environmental Officer

Dear Sir:

CLOSURE OF DARCO PIT NO. 3: PROVISIONAL CERTIFICATE OF APPROVAL A380804

As requested, following is an outline of our site closure procedures developed for the subject landfill site.

General

Following the placement of the last load of waste slurry in mid-1986, the site was roughly covered with 6"-12" of clay fill and the security fence was removed. Since that time we have been unable to get heavy earthmoving equipment onto the site due to soggy ground conditions.

Plans

- 1987 June-July: place and grade good quality cover material.
- 1987 September: grade to final contours and sow grass seed.
- 1988 Spring: visual monitoring of vegetation growth.

.... /2

Page 2
1987 May 25
Ministry of the Environment

I am advised that, since the remote location of the site prevents regular watering, there would be no point in sowing grass seed before the fall. The above schedule would put us in a position to have the site certificate revoked in 2Q88.

We trust that the above plans meet your requirements.

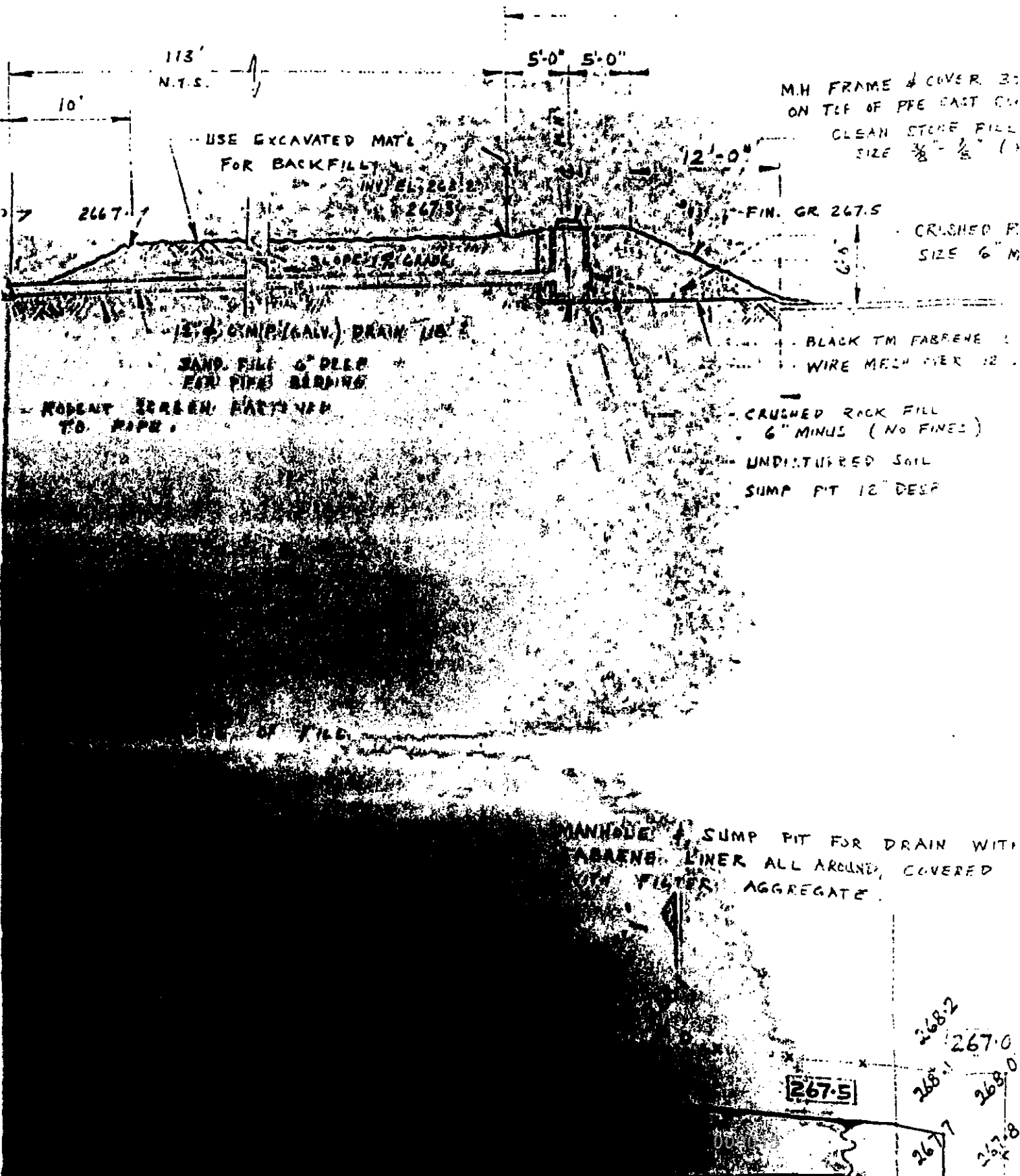
Yours truly,

DU PONT CANADA INC.



D. T. Dickson, P. Eng.
Senior Engineer - Design
Environmental Affairs
Manufacturing Group
Kingston Site

DTD/nr



113'
N.T.S.

5'-0" 5'-0"

M.H. FRAME & COVER 30"
ON TOP OF PIPE EAST SIDE
CLEAN STONE FILL
SIZE 3/8" - 1/2" (1)

USE EXCAVATED MAT.
FOR BACKFILL

12'-0"

FIN. GR 267.5

CRUSHED P.
SIZE 6" MIN.

12" G.M.P. (GALV.) DRAIN 1/2"

BLACK T.M. FABRICE
WIRE MESH OVER 12"

SAND FILL 6" DEEP
FOR PIPE BEDDING

CRUSHED ROCK FILL
6" MINUS (NO FINES)

RODENT SCREEN PARTIAL
TO PIPE

UNDISTURBED SOIL
SUMP PIT 12" DEEP

MANHOLE SUMP PIT FOR DRAIN WITH
FABRICE LINER ALL AROUND, COVERED
WITH FILTER AGGREGATE

267.5

268.2
267.0
268.2
268.0
267.7
267.8

0"
0"

5'-0"

FABRENE LINER 100 FT. SQ.
SEE SECTION "1-1"

- FIN. GRADE
267.5'

N "2-2"
1" = 10'-0"

- BLACK "7

- SNOW FENCE LAI

2" SAND CUSHION ON

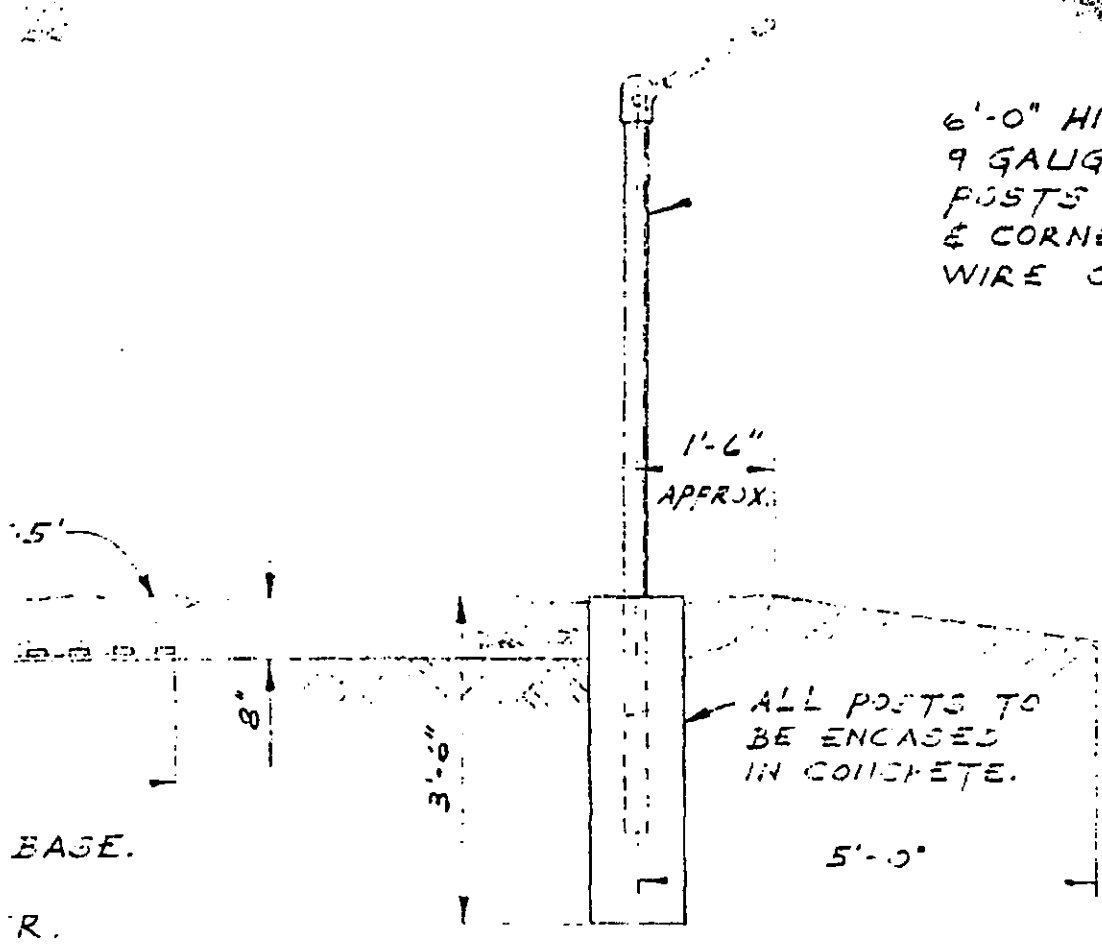
6" CRUSHED STONE COV.

2'-0"

SECTION "1-1" (T)

SCALE: - 1/2" = 1'-0"

6'-0" HIGH GALV. CHAIN L
9 GUAGE, 2" MESH WITH
POSTS @ 10'-0" CENTRES
& CORNER POSTS, 1/2" DIA
WIRE OVERHANG AND PAIR



TOP.

S1600



14' GATE OPENING

8" COMPACTED
CRUSHED STONE
ROADWAY

267.0

16'-0"

267.5

55'-0"

267.5

1. W 1+60
S 17+75

773

266

266.1

266.4

266.3

266.3

266.3

266.4

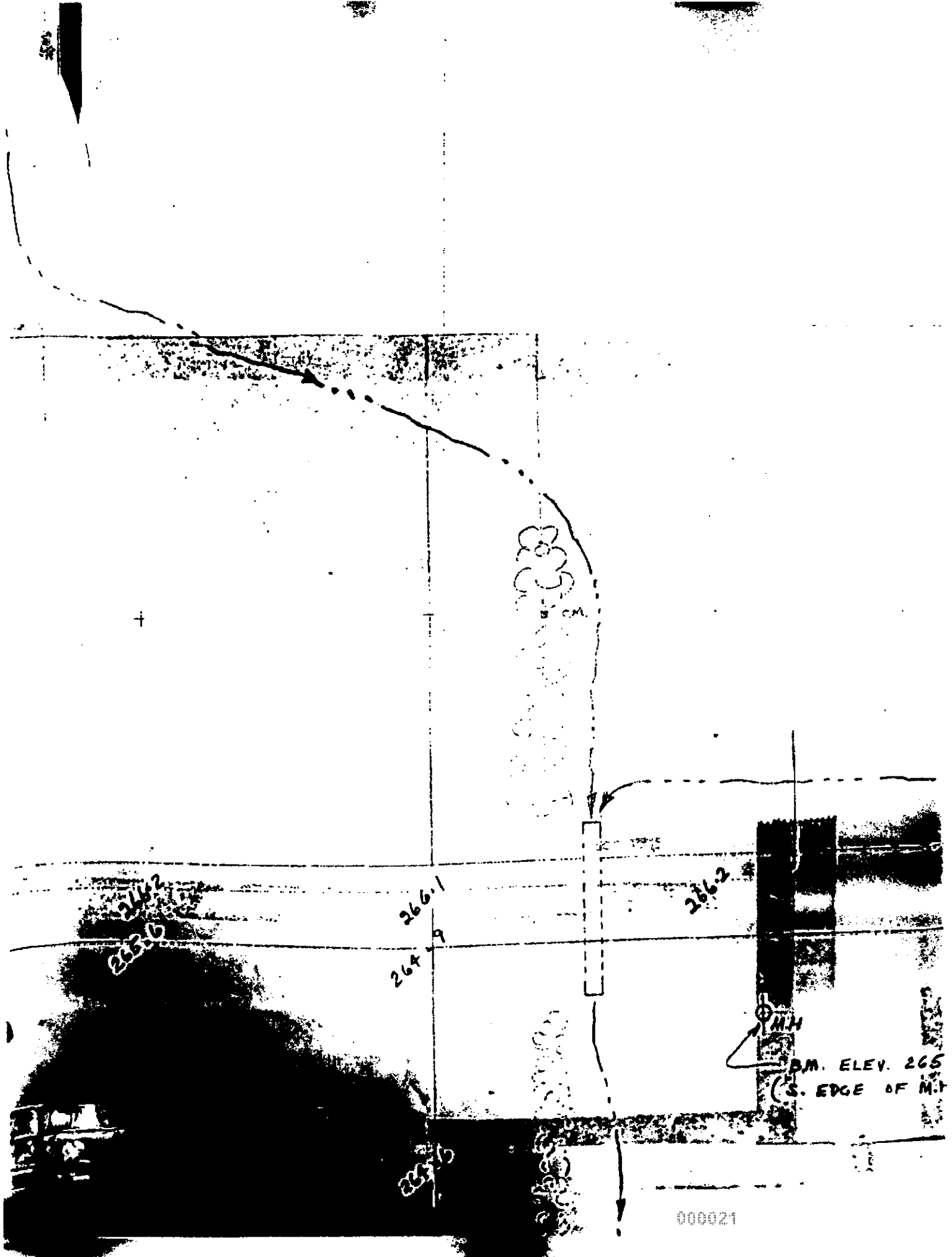
266

265

4. W 1+60
S 18+25

000020

265



266.1
266.2

266.1
264

266.2

266.1
266.2

M.H.
B.M. ELEV. 265
(S. EDGE OF M.I.)

BLDG.
28

FENCE S 17730 ±

☉ OF ROAD 51800

KB-2541 WASTE FINISH PC
KC-1754 WASTE FINISH
KC-4812 LANDFILL SITE SURVEY PL
KC-5321 KINGSTON SITE - W

000022

REFERENCE DRAW

265+6

265+7

265+1

S19+00

265+5

W 3+50
S 18+95

265+2

EDGE OF FILL

263+8

260+7

264+8

264+0

265+4

266+9

266+7

266+2

265

OBSOLETE
DARCO
FIT NO. 3
KB-2541



(FILLED IN)

FILL

265+0

265+9

265+7

265

265+7

259+2

5. W 1+75
S 19+30

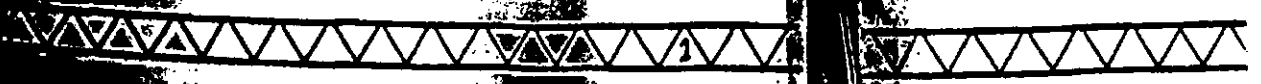
259+1

259+5

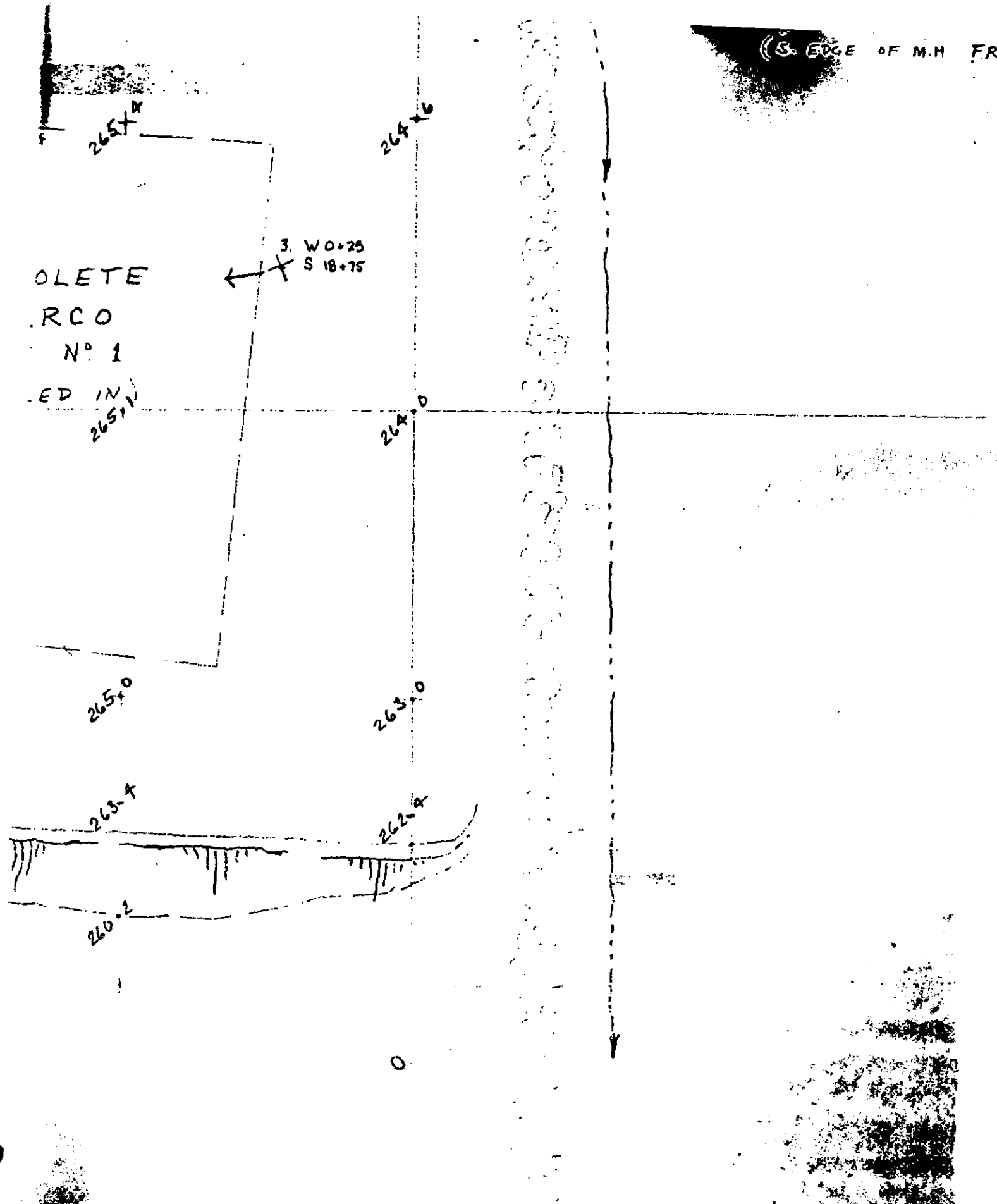
259+2

21

W200



(S. EDGE OF M.H. FR



KC-5821 KINGSTON SITE

REFERENCE DRA
REFERENCE STA

K
G-
JUN

T N° 3 WAS WASTE FINISH POND N° 1 (KB-2541)
T N° 4 WAS WASTE FINISH POND N° 2 (KD-1571)

30	P-3457		
PLANT	PROJECT	BLDG. AREA	MAIL ACC

THIS DRAWING IS THE PROPERTY OF CANADA LIMITED. THE INFORMATION HEREON MAY NOT BE USED NOR THE DRAWING REPRODUCED WITHOUT THE WRITTEN PERMISSION OF CANADA LIMITED. ALL REPRODUCTIONS INCLUDING VENDOR'S SHOP DRAWINGS REFER TO THIS STAMP.

DARCO DIS
PIT N

E200

1"=30' AS NOTED	12 OCT/71	A.R. WOOD	
SCALE	DATE	DRAWN BY	

DU PONT OF CANADA
ENGINEERING DIVISION,

KD-

INSPECTION FORM
WASTE DISPOSAL SITES

1. SITE CERTIFICATE NUMBER: 380804
2. CERTIFICATE HOLDER:
MUNICIPAL(): PROVINCIAL(): PRIVATE CORP(): PRIVATE INDIVIDUAL():
FEDERAL ()
NAME: Du Pont of Canada Ltd.
ADDRESS: KINGSTON WORKS, Box 2100
CITY/PROV: KINGSTON ONT.
POSTAL CODE: K7L 4Z6 PHONE: (613) 544-6000
3. SITE OPERATOR SAME AS CERTIFICATE HOLDER(), OR:
NAME: _____
ADDRESS: _____
CITY/PROV: _____
POSTAL CODE: _____ PHONE: _____
SITE OWNER: _____
4. SITE LOCATION: (AS PER PLAN OR SURVEY)
MUNICIPALITY NAME: KINGSTON TWP
MUNICIPALITY CODE: 3808
COUNTY: FRONTENAC
TWP OR TOWN: _____
CONCESSION NO: BROKEN FR. LOT NO: 10
CONCESSION NO: _____ LOT NO: _____
ADDITIONAL LOCATION INFORMATION:
ON PLANT PROPERTY.
5. IS THE CERTIFICATE REGISTERED ON TITLE: YES () NO ()
INST. NO: 340009
OR
FILED UNDER THE MINING ACT: YES () NO ()
INST. NO: _____
6. SITE START UP DATE: YEAR 1975 MONTH _____ DAY _____

E. (PERCENTAGE OF 'A')

SEWAGE SLUDGE: _____% _____ TONNES _____ CU. METRES

OTHERS: _____% _____ TONNES _____ CU. METRES
(SPECIFY)

F. NAMES OF MAJOR INDUSTRIES SERVED BY SITE AND WASTE TYPE:

- (1) _____
- (2) _____
- (3) _____
- (4) _____
- (5) _____
- (6) _____
- (7) _____
- (8) _____
- (9) _____
- (10) _____

G. NAMES OF MUNICIPALITIES SERVED BY SITE AND POPULATION SERVED
IN EACH MUNICIPALITY:

MUNICIPALITY NAME	POPULATION
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

SITE CONDITIONS

- A) LEGAL SURVEY
 I) SITE CORNERS STAKED: YES — NO —
 II) DISPOSAL AREA STAKED: YES — NO —
- B) ACCESS CONTROL
 I) GATE LOCKED: YES — NO —
 II) SITE SUPERVISED: YES — NO —
- C) CONDITION OF ACCESS & ON-SITE ROADS
 SATISFACTORY — UNSATISFACTORY —
- D) FENCING
 SATISFACTORY — UNSATISFACTORY —
- E) ADEQUACY OF POSTED SIGNS
 I) LOCATION
 SATISFACTORY — UNSATISFACTORY —
 II) HOURS OF OPERATION
 SATISFACTORY — UNSATISFACTORY —
 III) TYPES OF WASTE ALLOWED
 SATISFACTORY — UNSATISFACTORY —
 IV) SAFETY/ACCIDENT PREVENTION
 SATISFACTORY — UNSATISFACTORY —
 V) OPERATING PROCEDURES
 SATISFACTORY — UNSATISFACTORY —
- F) SITE OPEN/CLOSED IN ACCORDANCE WITH:
 SIGNS: YES — NO —
- G) BUFFER ZONE
 SATISFACTORY — UNSATISFACTORY —
- H) SCREENING FROM PUBLIC VIEW
 SATISFACTORY — UNSATISFACTORY —

- N) LEACHATE CONTROL
- I) VISIBLE OFF-SITE: YES _____ NO _____
- II) SUSPECTED OFF-SITE: YES _____ NO _____
- III) IS LEACHATE BEING CONTROLLED
YES _____ NO _____
- IV) SURFACE WATER SAMPLES TAKEN FOR
LEACHATE ANALYSES
YES _____ NO _____
- V) SAMPLES TAKEN FROM MONITORING WELLS
YES _____ NO _____
- O) GAS MIGRATION
- I) IS A PROBLEM SUSPECTED
YES _____ NO _____
- II) IS IT MONITORED
YES _____ NO _____
- P) RODENT AND VECTOR CONTROL
- I) IS PROBLEM EVIDENT: YES _____ NO _____
- II) ARE CONTROL MEASURES IN PLACE:
YES _____ NO _____
- Q) CONTROL MEASURES FOR PREVENTION OF FIRES
AND ACCIDENTS: YES _____ NO _____
- R) IS SITE OPERATED IN ACCORDANCE WITH
CONDITIONS ON CERTIFICATE OF APPROVAL
YES _____ NO _____
- S) IS A SITE DEVELOPMENT PLAN IN OPERATION
YES _____ NO _____
- T) CONTINGENCY PLAN: YES _____ NO _____
- U) CLOSURE PLAN: YES _____ NO _____
- V) SITE PREPARATION REPORT: YES _____ NO _____
- W) STATUS REPORTS
REQUIRED FREQUENCY _____
COMPLIANCE: YES _____ NO _____

- 1. SITE CERTIFICATE NUMBER: 380804
2. TRANSACTION CODE: 1.() DELETE 2.(X) ADD OR NEW 3.() CHANGE.
3. IF THIS INVENTORY IS FOR NOTIFICATION OF CHANGES FILL IN ONLY THE DATA WHICH IS BEING REVISED.
4. REGIONAL OFFICE: SE DISTRICT OFFICE: KINGSTON
5. CERTIFICATE HOLDER:

MUNICIPAL () PROVINCIAL () PRIVATE CORP (X) PRIVATE INDIVIDUAL ()
NAME: DUPONT OF CANADA LTD.
ADDRESS: KINGSTON WORKS, Box 2100 POST/ CODE: K7L476
CITY/PROV KINGSTON, ONTARIO PHONE: (613) 544 6000

- 6. SITE OPERATOR (X) SAME AS CERTIFICATE HOLDER OR:
NAME:
ADDRESS: POST/ CODE:
CITY/PROV PHONE: ()

7. SITE LOCATION: (AS PER PLAN OR SURVEY)
MUNICIPALITY NAME: KINGSTON TWP MUNICIPAL CODE 02808
COUNTY: FRONTENAC TWP OR TOWN:
CONCESSION NO: BROKEN FR. LOT NO. AND/OR: PT 10
PART OF LOT:

STREET ADDRESS OF SITE IF ANY:
ADDRESS: POST/ CODE: 31002
CITY/PROV PHONE: BATH
GEOCODE: 18 ZONE EASTING 375350 NORTHING 4896600

- 8. SITE CHARACTERISTICS AND WASTE CATEGORIES:
A. RATE AT WHICH SITE IS RECEIVING WASTE ANNUALLY DAILY: 400 TONNES CU. METRES
() WEIGHED/MEASURED OR (X) ESTIMATED BY OPERATOR
B. TOTAL NUMBER OF DAYS SITE IS OPEN PER YEAR: 52



C. (PERCENTAGE OF 'A')
 DOMESTIC NAP% _____ TONNES _____ CU. METRES
 COMMERCIAL NAP% _____ TONNES _____ CU. METRES
 NON-HAZARDOUS NAP% _____ TONNES _____ CU. METRES
 TOTAL _____ TONNES _____ CU. METRES

D. (PERCENTAGE OF 'A')
 LIQUID WASTE 100% _____ TONNES 400 CU. METRES
 HAZARDOUS WASTE NAP% _____ TONNES _____ CU. METRES

FOR LIQUID AND HAZARDOUS WASTE LIST BY MOE CLASSIFICATION:

402 _____

E. (PERCENTAGE OF 'A')
 SEWAGE SLUDGE: NAP% _____ TONNES _____ CU. METRES
 OTHERS: NAP% _____ TONNES _____ CU. METRES
 (SPECIFY) _____

F. NAMES OF MAJOR INDUSTRIES SERVED BY SITE:

- (1) DUPONT (2-5% SLURRY TiO2 & CARBON)
- (2) _____
- (3) _____
- (4) _____
- (5) _____
- (6) _____
- (7) _____
- (8) _____
- (9) _____
- (10) _____

G. NAMES OF MUNICIPALITIES SERVED BY SITE AND POPULATION SERVED IN EACH MUNICIPALITY:

	MUNICIPALITY NAME	POPULATION
(1)	<u>NAP</u>	<u>0</u>
(2)	_____	_____
(3)	_____	_____
(4)	_____	_____
(5)	_____	_____
(6)	_____	_____
(7)	_____	_____
(8)	_____	_____
(9)	_____	_____
(10)	_____	_____
	TOTAL POPULATION	<u>0</u>



- H. TOTAL AREA OF SITE 0.13 ~~0.13~~ HECTARES.
- I. TOTAL AREA TO BE FILLED 0.13 ~~0.13~~ HECTARES.
- J. ESTIMATED REMAINING LIFE EXPECTANCY OF SITE 3 NO. OF YEARS.

9. CONTROL AND MONITORING PROGRAMS:

- A. MONITORING FOR:
 - GAS () YES () NO
 - GROUND WATER () YES () NO
 - SURFACE WATER () YES () NO
- B. CONTROL SYSTEMS FOR:
 - GAS () YES () NO
 - LEACHATE () YES () NO

10. HYDROGEOLOGICAL ASSESSMENT:

- A. CONSULTANT NAV
 DATE ____ YEAR ____ MONTH ____ DAY (MOST RECENT REPORT ONLY)
- B. HYDROGEOLOGICAL ASSESSMENT BY MOE GROUND WATER EVALUATOR:
 AUTHOR: NAV
 DATE ____ YEAR ____ MONTH ____ DAY (MOST RECENT REPORT ONLY)

- 11. IS THE CERTIFICATE REGISTERED ON TITLE: INST. No 340009 () YES () NO
 OR
 FILED UNDER SECTION 43 OF THE MINING ACT: () YES () NO

- 12. SITE START UP DATE: 1975 YEAR ____ MONTH
- 13. DATE WASTE SITE CLOSED: NA YEAR ____ MONTH

- 14. COMPLETED BY: (PRINT) SINKERD
 DATE 1983 YEAR 09 MONTH 21 DAY

- 15. LAST REVISION NUMBER ____ AND DATE ____ .

200,000 gal TiO_2 waste carbon
titanium dioxide

Problems disposal

$$1 \text{ cu ft.} = 6.24 \text{ gal.} = 1728 \text{ cu in.}$$

$$1 \text{ cu m.} = 59.319 \text{ cu in.} = 34.33 \text{ cu ft.}$$

$$200000 \text{ gal} = 32051 \text{ cu ft.} \quad 933.6 \text{ cu m.}$$

cu 30 40

MUNICIPALITY

DuPont of Canada Ltd.

C OF A #

380804

DATE OF INSP.

July 86.



00035

INSPECTION FORM
WASTE DISPOSAL SITES

1. SITE CERTIFICATE NUMBER: 380804

2. CERTIFICATE HOLDER:
MUNICIPAL (): PROVINCIAL (): PRIVATE CORP (): PRIVATE INDIVIDUAL ():
FEDERAL ()
NAME: _____
ADDRESS: _____
CITY/PROV: _____
POSTAL CODE: _____ PHONE: _____

3. SITE OPERATOR SAME AS CERTIFICATE HOLDER (), OR:
NAME: _____
ADDRESS: _____
CITY/PROV: _____
POSTAL CODE: _____ PHONE: _____
SITE OWNER: _____

4. SITE LOCATION: (AS PER PLAN OR SURVEY)
MUNICIPALITY NAME: KINGSTON TWP
MUNICIPALITY CODE: 3808
COUNTY: FRONTENAC
TWP OR TOWN: KINGSTON
CONCESSION NO: BROKEN LOT NO: PT 10
CONCESSION NO: _____ LOT NO: _____
ADDITIONAL LOCATION INFORMATION:

5. IS THE CERTIFICATE REGISTERED ON TITLE: YES () NO ()
INST. NO: _____
OR
FILED UNDER THE MINING ACT: YES () NO ()
INST. NO: _____

6. SITE START UP DATE: YEAR _____ MONTH _____ DAY _____

7. HYDROGEOLOGICAL ASSESSMENT:

A. CONSULTANT: _____

DATE: YEAR _____ MONTH _____ DAY _____ (MOST RECENT REPORT ONLY)

B. HYDROGEOLOGICAL ASSESSMENT BY MOE GROUNDWATER EVALUATOR:

AUTHOR: _____

DATE: YEAR _____ MONTH _____ DAY _____ (MOST RECENT REPORT ONLY)

8. SITE CHARACTERISTICS AND WASTE CATEGORIES:

A. RATE AT WHICH SITE IS RECEIVING WASTE ANNUALLY

_____ TONNES (SOLID)
_____ CUBIC METRES (LIQUID)
_____ TOTAL TONNES (SOLID & LIQUID)

WEIGHED/MEASURED():OR ESTIMATED BY MOE():OR ESTIMATED BY OPERATOR()

B. TOTAL NUMBER OF DAYS SITE IS OPEN PER YEAR: _____

C. (PERCENTAGE OF 'A')

DOMESTIC _____ % _____ TONNES
COMMERCIAL _____ % _____ TONNES
SOLID INDUSTRIAL
NON-HAZARDOUS _____ % _____ TONNES
TOTAL _____ TONNES

D. (PERCENTAGE OF 'A')

LIQUID WASTE _____ % _____ CU. METRES
HAZARDOUS WASTE _____ % _____ TONNES _____ CU. METRES

FOR LIQUID AND HAZARDOUS WASTE LIST BY MOE CLASSIFICATION:

E. (PERCENTAGE OF 'A')

SEWAGE SLUDGE: _____% _____ TONNES _____ CU. METRES

OTHERS: _____% _____ TONNES _____ CU. METRES
(SPECIFY)

F. NAMES OF MAJOR INDUSTRIES SERVED BY SITE AND WASTE TYPE:

- (1) _____
- (2) _____
- (3) _____
- (4) _____
- (5) _____
- (6) _____
- (7) _____
- (8) _____
- (9) _____
- (10) _____

G. NAMES OF MUNICIPALITIES SERVED BY SITE AND POPULATION SERVED
IN EACH MUNICIPALITY:

MUNICIPALITY NAME	POPULATION
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

COMMENTS

H. TOTAL AREA OF SITE _____ HECTARES

I. TOTAL AREA TO BE FILLED _____ HECTARES

J. ESTIMATED REMAINING LIFE EXPECTANCY OF
SITE _____ NUMBER OF YEARS

K. DEGREE OF USAGE RATING _____
(BASED ON LIFETIME CAPACITY)

L. LAND USE SEPARATION RATING _____

9. METHOD OF WASTE DISPOSAL EMPLOYED

- I) TRENCH AND FILL _____
- II) AREA METHOD _____
- III) RAMP _____
- IV) OTHER _____

10. SEGREGATION OF WASTE: YES _____ NO _____

I) LIST SEGREGATED WASTE

II) ULTIMATE DISPOSAL

11. NUMBER OF DISPOSAL AREAS _____
(SHOW DETAILS ON SKETCH)

SITE CONDITIONS

- A) LEGAL SURVEY
I) SITE CORNERS STAKED: YES — NO —
II) DISPOSAL AREA STAKED: YES — NO —
- B) ACCESS CONTROL
I) GATE LOCKED: YES — NO —
II) SITE SUPERVISED: YES — NO —
- C) CONDITION OF ACCESS & ON-SITE ROADS
SATISFACTORY — UNSATISFACTORY —
- D) FENCING
SATISFACTORY — UNSATISFACTORY —
- E) ADEQUACY OF POSTED SIGNS
I) LOCATION
SATISFACTORY — UNSATISFACTORY —
II) HOURS OF OPERATION
SATISFACTORY — UNSATISFACTORY —
III) TYPES OF WASTE ALLOWED
SATISFACTORY — UNSATISFACTORY —
IV) SAFETY/ACCIDENT PREVENTION
SATISFACTORY — UNSATISFACTORY —
V) OPERATING PROCEDURES
SATISFACTORY — UNSATISFACTORY —
- F) SITE OPEN/CLOSED IN ACCORDANCE WITH:
SIGNS: YES — NO —
- G) BUFFER ZONE
SATISFACTORY — UNSATISFACTORY —
- H) SCREENING FROM PUBLIC VIEW
SATISFACTORY — UNSATISFACTORY —

I) SITE HOUSEKEEPING

I) LITTER CONTROL:

SATISFACTORY — UNSATISFACTORY —

II) DUST CONTROL:

SATISFACTORY — UNSATISFACTORY —

III) OTHER PROBLEMS _____

J) ON-SITE SURFACE DRAINAGE

SATISFACTORY — UNSATISFACTORY —

SURFACE WATER MONITORING

SATISFACTORY — UNSATISFACTORY —

DRAINAGE CONTROL MEASURES IN USE

K) SITE OPERATION

COMPACTION:

FREQUENCY — SATISFACTORY — UNSATISFACTORY —

COVER:

FREQUENCY — SATISFACTORY — UNSATISFACTORY —

L) BURNING OF WASTES: YES — NO —

WITHIN GUIDELINES: YES — NO —

M) FINISHED AREAS

I) FINAL COVER

SATISFACTORY — UNSATISFACTORY —

II) SEEDING OR SODDING

SATISFACTORY — UNSATISFACTORY —

- N) LEACHATE CONTROL
 - I) VISIBLE OFF-SITE: YES _____ NO _____
 - II) SUSPECTED OFF-SITE: YES _____ NO _____
 - III) IS LEACHATE BEING CONTROLLED
 - YES _____ NO _____
 - IV) SURFACE WATER SAMPLES TAKEN FOR LEACHATE ANALYSES
 - YES _____ NO _____
 - V) SAMPLES TAKEN FROM MONITORING WELLS
 - YES _____ NO _____

- O) GAS MIGRATION
 - I) IS A PROBLEM SUSPECTED
 - YES _____ NO _____
 - II) IS IT MONITORED
 - YES _____ NO _____

- P) RODENT AND VECTOR CONTROL
 - I) IS PROBLEM EVIDENT: YES _____ NO _____
 - II) ARE CONTROL MEASURES IN PLACE:
 - YES _____ NO _____

- Q) CONTROL MEASURES FOR PREVENTION OF FIRES AND ACCIDENTS: YES _____ NO _____

- R) IS SITE OPERATED IN ACCORDANCE WITH CONDITIONS ON CERTIFICATE OF APPROVAL
 - YES _____ NO _____

- S) IS A SITE DEVELOPMENT PLAN IN OPERATION
 - YES _____ NO _____

- T) CONTINGENCY PLAN: YES _____ NO _____

- U) CLOSURE PLAN: YES _____ NO _____

- V) SITE PREPARATION REPORT: YES _____ NO _____

- W) STATUS REPORTS
 - REQUIRED FREQUENCY _____
 - COMPLIANCE: YES _____ NO _____

X) FINANCIAL GUARANTEE (PRIVATE SITES ONLY)

YES _____ NO _____

AMOUNT _____

Y) DOES SITE COMPLY WITH CURRENT LEGISLATION

YES _____ NO _____

IF NO, STATE REASONS: _____

Z) DOES SITE COMPLY WITH PROPOSED REG. 309

AMENDMENTS

YES _____ NO _____

IF NO, STATE REASONS: _____

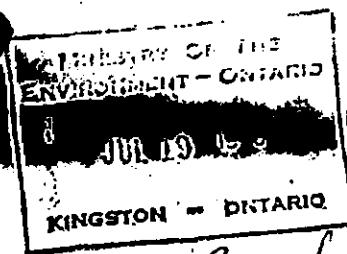
AA) DOES REGIONAL INVENTORY REQUIRE REVISION

YES _____ NO _____

BB) ADDITIONAL COMMENTS:

COMPLETED BY _____ DATE _____

RO/Peter O/Rock L.



F-13

Approvals Branch

Handwritten signature

July 13, 1988

Mr. D.T. Dickson, P. Eng.
Environmental Affairs
Dupont of Canada Limited
Kingston Site
P.O. Box 2100
Kingston, Ontario
K7L 4Z6

*entered
Aug 3/88*

Dear Sir:

Re: Revocation of Provisional Certificate of Approval
No. A 380804

Please find enclosed a Notice of Revocation of your Provisional Certificate of Approval No. A 380804 for a landfilling site located on Lot 10, Broken Front Concession, Township of Kingston, County of Frontenac.

Having submitted on May 25, 1987, a closure plan, implemented its provisions, and submitted a follow-up report on June 17, 1988 demonstrating satisfactory completion, you have complied with the requirements of Kingston District Office, Abatement Section's letter of January 9th, 1987 and the above certificate may now be revoked.

You are reminded that any future use of this site is still subject to Section 45 of the Environmental Protection Act for a period of 25 years since having ceased operations at this site.

We trust this to be satisfactory. Should you have any further questions regarding this matter, please contact Mr. Charles Bernard Mathé, Review Engineer, Waste Sites and Systems at (416) 323-4434.

Yours truly,

Handwritten signature of W.R. Balfour

W.R. Balfour
Director

Enc.
CBM/cp
C.C. M.M. Holy
R. Lyness

Handwritten initials

C-JP
NOTICE

TO:

Mr. D.T. Dickson, P. Eng.
Environmental Affairs
Dupont of Canada Limited
Kingston Site
P.O. Box 2100
Kingston, Ontario
K7L 4Z6

C. Manshan
THIS IS A TRUE COPY OF THE
ORIGINAL NOTICE MAILED

ON July 15 1988

SIGNED

In accordance with Section 121(1)(e) of the Environmental Protection Act, as amended, I hereby give notice that I have revoked, under Section 38(2)(e) of the Act, your Provisional Certificate of Approval for a Waste Disposal Site No. A 380804 issued on 14th day of August, 1980.

The reasons for revoking your Provisional Certificate of Approval No. A 380804 are that:


I have been advised by this Ministry's Kingston District Office, that you are no longer operating the waste disposal site approved under the Provisional Certificate of Approval No. A 380804 and that closure and provisions for site monitoring and post closure maintenance are satisfactory.

Under Section 121(1) of the Environmental Protection Act you may require a hearing by the Environmental Appeal Board, if within 15 days after service of this notice, you serve written notice upon the Environmental Appeal Board and on me. Section 122a of the Environmental Protection Act, as amended in 1983, provides that the Notice requiring the hearing shall state the portions of each term or condition in the approval in respect of which the hearing is required and the grounds on which you intend to rely at the hearing. This notice should be served upon:

The Secretary
Environmental Appeal Board
40 St. Clair Ave. West
6th Floor
Toronto, Ontario
M4V 1M2

AND The Director
Section 38, E.P.A.
Ministry of the Environment
135 St. Clair Ave. W.
Toronto, Ontario
M4V 1P5

Dated at Toronto this 13th day of July, 1987.


Director
Section 38, E.P.A.
Ministry of the Environment

714
2 * 2

MUNICIPALITY/CERTIFICATE HOLDER

Frontenac County
DuPont of Canada Ltd.

CERTIFICATE OF APPROVAL

A380804

LIFE EXPECTANCY

3 years (10 years - 1985)

COMMENTS

- Present pond will be filled by April 1985.

PROPOSED ACTION TIMEFRAME

84.12.10

- New pond will be in operation by April 1985. Life expectancy 10 years.

PROPOSED ACTION - UPDATE & REVISIONS

86.03.31

- A new site has been applied for and recently (April 1986) approved for use.

89.03.09

- New site Certificate of Approval No. 4-089-85-866 is now in use.
- Certificate of Approval No. A380804 was revoked on July 31, 1988.
- No further action at this time.