

RUSH

DLPC SPECIAL ANALYSIS FORM

000001

0316255003 - Cook
EPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17
Site Name _____
ILD005474572 Field Sample #: X201

Lab Location
Champaign
Chicago ✓
Springfield

C400873

Lab #:

USEPA ID #
FOS

Date Received: 3-31-94

Date Collected: 3/30/94 Time Collected: 13:43

Time Received: 1:30

Program Code: LP41 Unit Code: 02

Received By: C. Matthe

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): Black 55 gallon container, steel drum,
labelled "Caustic Soda" field pH=14, clear liquid.
Container located at northwest corner of building.

Physical Observations, Remarks: Clear liquid, field pH=14.

APR 25 1994

Tests Requested: pH, _____

RECEIVED
APR 27 1994
EPA-DLPC

Retain samples until released by responsible authority (Yes) (No)

Collected By: MSR Transported By: MSR

LABORATORY

EPA Region 5 Records Ctr.



246954

Date Forwarded: 25 1994

Laboratory Reviewer Signature: Paugherty

Printed on Recycled Paper

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

FILE NUMBER : C400873

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO.. INC. X201

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1343

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

COMMENTS : BLACK 55 GALLON CONTAINER. STEEL DRUM LABELED "CAUSTIC SODA"

UNIDENTIFYING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

SAMPLE TYPE CODE : LPSP

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LAB OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

10000 PH.SW846 MET

UNITS : 12.0

RUSH

DLPC SPECIAL ANALYSIS FORM

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17
Site Name _____
ILD005474572 Field Sample #: X202

Lab Location
Champaign _____
Chicago ☒ _____
Springfield _____
Lab #: C100874

USEPA ID # _____
FOS _____
Date Collected: 3/30/94 Time Collected: 13:47
Program Code: LP41 Unit Code: 02

Date Received: 3-31-94
Time Received: 1:30 PM
Received By: C. Matthew

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)
Source of Sample (Exact Location): 55 gallon open poly container, located
in northeast corner of building.

Physical Observations, Remarks: Dark liquid, field pH=13.

Tests Requested: pH, TCLP - Metals: Cadmium, Chromium, Lead.

RECEIVED
APR 27 1994
IEPA-DLPC

Retain samples until released by responsible authority (Yes) (No)
Collected By: msk Transported By: msk

LABORATORY

Date Forwarded: APR 25 1994
Laboratory Reviewer Signature: Daugherty

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C400874

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO., INC. X202

EMITTING SOURCE # :

DATE COLLECTED : 940330

SITE # : 0316255003

TIME COLLECTED : 1347 SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

CONTAINMENTS : 55 GALLON OPEN POLY CONTAINER. LOCATED IN NORTHEAST CORNER

IDENTIFYING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

METHOD TYPE CODE : LPTC

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LABORATORY OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

0000 PH.SW846 MET

UNITS : 1K

A14500 BARIUM.SW846 TCLP MG/L : 0.5K

4600 CADMIUM.SW846 TCLP MG/L : 0.5K

A14700 CHROMIUM. TCLP MG/L : 29000

5100 LEAD.SW846 TCLP MG/L : 5.0K

A15600 SILVER.SW846 TCLP MG/L : 1.0K

LIQUID SAMPLE - RESULTS REPORTED

: AS PER TCLP METHODOLOGY

RUSH

DLPC SPECIAL ANALYSIS FORM

0316255003 - Cook
IEPA ID # County
Quality Plating Company, Inc. DCI Case No. 94-17
Site Name

Lab Location
Champaign
Chicago
Springfield

ILD005474572 Field Sample #: X203

Lab #: C100875

USEPA ID #
FOS

Date Received: 3-31-94

Time Received: 1:30 PM

Date Collected: 3/30/94 Time Collected: 13:55

Received By: C. Matthews

Program Code: LP41 Unit Code: 02

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): Raised platform NE of plating line.

Physical Observations, Remarks: Multi-colored solid.

Tests Requested: pH, TCLP - Metals: Cadmium, Chromium, Lead. Cyanide.

RECEIVED

APR 27 1994

IEPA-DLPC

Retain samples until released by responsible authority (Yes) (No)

Collected By: hse Transported By: hse

LABORATORY

Date Forwarded: APR 25 1994

Laboratory Reviewer Signature: J. Daugherty

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C400875

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO.. INC. X203

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1355

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

EQUIPMENTS : RAISED PLATFORM NE OF PLATING LINE

IDENTIFYING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

1 TYPE CODE : LPTC

SAMPLE PURPOSE CODE : 2

REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

3 OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

10000 PH.SW846 MET UNITS : 0.20

A10000 PH.FINAL TCLP EXT UNITS : 1.81

600 CYANIDE.TOT.SW846 MG/KG : 51

A14500 BARIUM,SW846 TCLP MG/L : 0.5K

600 CADMIUM,SW846 TCLP MG/L : 0.5K

A14700 CHROMIUM. TCLP MG/L : 1923.0

100 LEAD,SW846 TCLP MG/L : 5.0K

A15600 SILVER.SW846 TCLP MG/L : 1.0K

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17
Site Name _____
ILD005474572 Field Sample #: X204
USEPA ID # _____
FOS _____
Date Collected: 3/30/94 Time Collected: 14:00
Program Code: LP41 Unit Code: 02
Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)
Source of Sample (Exact Location): White 5 gallon plastic pail located
at NE corner of building at line platform.

Lab Location

Champaign _____

Chicago _____

Springfield _____

Lab #: C-100876Date Received: 3-31-94Time Received: 1:30 PMReceived By: M. [unclear]Physical Observations, Remarks: Clear liquid, fuming, field pH = 1.0

RECEIVED

APR 1 1994

IEPA-DLPC

Tests Requested: pH, _____

Retain samples until released by responsible authority (Yes) (No) (Yes)Collected By: MSE Transported By: MSEDate Forwarded: APR 15 1994 20 1994Laboratory Reviewer Signature: J. Daugherty

LABORATORY

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LABORATORIES
2121 WEST TAYLOR STREET
CHICAGO, ILLINOIS 60612

Printed on Recycled Paper

POINT DEB

QUALITY PLATING CO. INC. X204

WITTING SOURCE # :

SITE # : 0316255003

TE COLLECTED : 940330

TIME COLLECTED : 1400

SAMPLING PROGRAM

OLLECTED BY : MSR

DELIVERED BY : MSR

OMMENTS : WHITE 5 GALLON PLASTIC PAIL LOCATED AT NE CORNER OF BUILDING

NDING CODE : LF41

AGENCY ROUTING : 00

UNIT CODE :

AM TYPE CODE : LPSP

SAMPLE PURPOSE CODE : 2

REPORTING INDICATOR :

ATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : JMA

AB OBSERVATIONS : RUSH

TRIP BL SAM# :

UPERVISORS INITIALS : JWD

NOTE : * = LESS THAN VALUE

00403 PH-LABORATORY

UNITS : 0.83

RUSH

DLPC SPECIAL ANALYSIS FORM

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17
Site Name _____
ILD005474572 Field Sample #: X205

Lab Location
Champaign _____
Chicago ☒ _____
Springfield _____

Lab #: C400877

USEPA ID # _____
FOS _____

Date Received: 3-31-94

Time Received: 1:30 PM

Date Collected: 3/30/94 Time Collected: 14:00

Program Code: LP41 Unit Code: 02

Received By: C. Matthews

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): 55 gallon plastic container located
at NE plating line.

Physical Observations, Remarks: Dark liquid, field pH = 0.

Tests Requested: pH, TCLP - Metals: Cadmium, Chromium, Lead.

RECEIVED

APR 27 1994

IEPA-DLPC

Retain samples until released by responsible authority (Yes) (No)

Collected By: hxr Transported By: hxr

LABORATORY

Date Forwarded: APR 25 1994

Laboratory Reviewer Signature: J. O'Leary

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C400877

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO., INC. X205

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1400

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

COMMENTS : 55 GALLON PLASTIC CONTAINER LOCATED AT NE PLATING LINE

FUNDING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

SAM TYPE CODE : LPTC

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LAB OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

0000 PH.SW846 MET UNITS : 1K

A14500 BARIUM.SW846 TCLP MG/L : 0.5K

4600 CADMIUM.SW846 TCLP MG/L : 0.5K

A14700 CHROMIUM. TCLP MG/L : 13000

5100 LEAD.SW846 TCLP MG/L : 5.0K

A15600 SILVER.SW846 TCLP MG/L : 1.0K

LIQUID SAMPLE - RESULTS REPORTED

: AS PER TCLP METHODOLOGY

DLPC SPECIAL ANALYSIS FORM

D454663

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17
Site Name _____

ILD005474572 Field Sample #: X206
USEPA ID # _____
FOS _____

Date Collected: 3/30/94 Time Collected: 14:05

Program Code: LP41 Unit Code: 02

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): 55 gallon black metal container with
label affixed to drum head with word "Trichloroethylene"

Physical Observations, Remarks: Dark liquid with solvent-like odor

RECEIVED

MAY 03 1994

IEPA-DLPC

Tests Requested: Flash Point, Organic Scan for Trichloroethylene.

Retain samples until released by responsible authority (Yes) (No)

Collected By: MS Transported By: MS

LABORATORY

Date Forwarded: 4/28/94

Laboratory Reviewer Signature: [Signature]

D454663

APR 4 1994

2-63 liquid

Seal intact, 6

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D454663

SAMPLING POINT DESC. : QUALITY PLATING CO, INC-DCI#94-17.X205

SUBMITTING SOURCE # :

DATE COLLECTED : 940330

SITE # : 0316255003

TIME COLLECTED : 1405

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : EPA

COMMENTS : FLASHPOINT, ORGANIC SCAN FOR TRICHLOROETHYLENE

FUNDING CODE : LP41

AGENCY ROUTING : --

UNIT CODE :

SAM TYPE CODE :

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940404

TIME RECEIVED : 1250

RECEIVED BY : CMC

LAB OBSERVATIONS : 2-60Z LIQUID

TRIP BL SAM# :

SUPERVISORS INITIALS : JTH

NOTE : K = LESS THAN VALUE

A3418 CHLOROMETHANE	UG/G : 130K
A3413 BROMOMETHANE	UG/G : 130K
A39175 VINYL CHLORIDE	UG/G : 130K
A34311 CHLOROETHANE	UG/G : 130K
A34423 METHYLENE CHLORIDE	UG/G : 90K
A81552 ACETONE	UG/G : 130K
A34488 TRICHLOROFLUOROMETHANE	UG/G : 90K
A77277 BROMOCHLOROMETHANE	UG/G : 90K
A77041 CARBON DISULFIDE	UG/G : 90K
A34501 1,1-DICHLOROETHYLENE	UG/G : 90K
A34496 1,1-DICHLOROETHANE	UG/G : 90K
A34546 TRANS-1,2-DICHLOROETHYLENE	UG/G : 90K
A77093 CIS-1,2-DICHLOROETHYLENE	UG/G : 90K
A32106 CHLOROFORM	UG/G : 90K
A34531 1,2-DICHLOROETHANE	UG/G : 90K
A85595 2-BUTANONE(MEK)	UG/G : 130K
A34506 1,1,1-TRICHLOROETHANE	UG/G : 1500
A32102 CARBON TETRACHLORIDE	UG/G : 90K
A77057 VINYL ACETATE	UG/G : 130K
A32101 DICHLOROBROMOMETHANE	UG/G : 90K
A34541 1,2-DICHLOROPROPANE	UG/G : 90K
A34704 CIS-1,3-DICHLOROPROPENE	UG/G : 90K
A39180 TRICHLOROETHYLENE	UG/G : 910000
A32105 CHLORODIBROMOMETHANE	UG/G : 90K
A34511 1,1,2-TRICHLOROETHANE	UG/G : 90K
A78124 BENZENE	UG/G : 90K
A34599 TRANS-1,3-DICHLOROPROPENE	UG/G : 90K
A34576 2-CHLOROETHYL VINYL ETHER	UG/G : 90K
A32104 BROMOFORM	UG/G : 90K

SAMPLE NUMBER : D454663

A78133 4-METHYL-2-PENTANONE(MIBK)	UG/G : 250
A77103 2-HEXANONE(MSK)	UG/G : 130K
A34475 TETRACHLOROETHYLENE	UG/G : 640
A34516 1,1,2,2-TETRACHLOROETHANE	UG/G : 90K

A78131 TOLUENE	UG/G : 1000
A34301 CHLORO BENZENE	UG/G : 90K
A78113 ETHYLBENZENE	UG/G : 90K
A77128 STYRENE	UG/G : 90K

A31551 XYLENE UG/G : 320
: SAMPLE DID NOT FLASH TO 150 DEG. C.
: THE FOLLOWING QUANTITATIONS ARE APPROXIMATE
: ETHYL OXIRANE # UG/G: 190

: TENTATIVE IDENTIFICATION

RUSH

DLPC SPECIAL ANALYSIS FORM

0316255003 - Cook
IEPA ID # County
Quality Plating Company, Inc. DCI Case No. 94-17

Site Name
ILD005474572 Field Sample #: X207

IEPA ID #
OS

Date Collected: 3/30/94 Time Collected: 4:10

Program Code: LP41 Unit Code: 02

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): 55 gallon container labeled "Poison,
Zinc Cyanide," located at east end of facility
near two containers of caustic and acid.
This container identified as cyanide was open.

Physical Observations, Remarks: White powder, solid.

Tests Requested: Cyanide.

RECEIVED

APR 13 1994

IEPA-DLPC

Retain samples until released by responsible authority (Yes) (No)

Collected By: MSR Transported By: MSR

LABORATORY

Date Forwarded: APR 12 1994

Laboratory Reviewer Signature: J. Daugherty

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

FILE NUMBER : C400878

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO.. INC. X207

EMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1410

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

REMARKS : 55 GALLON CONTAINER LABELED "POISEN. AINC CYANIDEM." EAST END

LOADING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

FORM TYPE CODE : LPSP

SAMPLE PURPOSE CODE : 2

REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LABORATORY OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

1600 CYANIDE.TOT.SW846 MG/KG : 371995

RUSH

DLPC SPECIAL ANALYSIS FORM

0316255003 - Cook
IEPA ID # County
Quality Plating Company, Inc. DCI Case No. 94-17

Site Name
ILD005474572 Field Sample #: X208

USEPA ID #
FOS
Date Collected: 3/30/94 Time Collected: 14:15

Program Code: LP41 Unit Code: 02
Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): Black Fifty-five gallon container, with
label "Sulfuric Acid", container open. Located
next to fuming container with pH=0. These
two samples X208 and X209 located within
10 feet of sample X207.

Physical Observations, Remarks: Liquid with field pH=14.

Tests Requested: pH, [REDACTED]

RECEIVED

APR 27 1994

IEPA-DLPC

Retain samples until released by responsible authority (Yes) (No)

Collected By: MSR Transported By: MSR

LABORATORY

Date Forwarded: APR 25, 1994

Laboratory Reviewer Signature:

Paugherty

Printed on Recycled Paper

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C400879
SAMPLING POINT DESC. : COOK-QUALITY PLATING CO.. INC. X208

SUBMITTING SOURCE # : SITE # : 0316255003
DATE COLLECTED : 940330 TIME COLLECTED : 1415 SAMPLING PROGRAM :

COLLECTED BY : MSR DELIVERED BY : MSR
COMMENTS : BLACK FIFTY-FIVE GALLON CONTAINER. WITH LABEL "SULFURIC ACID."
FINDING CODE : LP41 AGENCY ROUTING : 00 UNIT CODE :
SAMPLE TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331 TIME RECEIVED : 1330 RECEIVED BY : CMA
LAB OBSERVATIONS : RUSH TRIP BL SAM# :
SUPERVISORS INITIALS : JWD NOTE : K = LESS THAN VALUE

0000 PH.SW846 MET UNITS : 2.96

RUSH

DLPC SPECIAL ANALYSIS FORM

0316255003 - Cook
IEPA ID # County
Quality Plating Company, Inc. DCI Case No. 94-17

Site Name
ILD005474572 Field Sample #: X209

USEPA ID #
FOS
Date Collected: 3/30/94 Time Collected: 14:20

Program Code: LP41 Unit Code: 02 Received By: C. Mesthke

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): 55 gallon Black plastic container
located adjacent to Sample X208 within 10 feet
of Sample X207 (cyanide). Container identified with
label "Hydrochloric Acid!"

Physical Observations, Remarks: Clear liquid, fuming, container not
properly closed, Field pH 0.

Tests Requested: pH, [REDACTED]

RECEIVED

APR 27 1994

IEPA-DLPC

Retain samples until released by responsible authority (Yes) (No)

Collected By: MSR Transported By: MSR

APR 25 1994

LABORATORY

Date Forwarded:

Laboratory Reviewer Signature: J. Gaugherty

Printed on Recycled Paper

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C400880
SAMPLING POINT DESC. : COOK-QUALITY PLATING CO., INC. X209

SUBMITTING SOURCE # : SITE # : 0316255003
DATE COLLECTED : 940330 TIME COLLECTED : 1420 SAMPLING PROGRAM :

COLLECTED BY : MSR DELIVERED BY : MSR
COMMENTS : 55 GALLON BLACK PLASTIC CONTAINER LOC. ADJACENT TO SAMPLE X208
FINDING CODE : LP41 AGENCY ROUTING : 00 UNIT CODE :
SAMPLE TYPE CODE : LPSP SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331 TIME RECEIVED : 1330 RECEIVED BY : CMA
LAB OBSERVATIONS : RUSH TRIP BL SAM# :
SUPERVISORS INITIALS : JWD NOTE : K = LESS THAN VALUE

0000 PH.SW846 MET UNITS : 1.33

DLPC SPECIAL ANALYSIS FORM

Field Lab.
Cook County
rect 4-4 p

D454664

0316255003 - Cook
IEPA ID # _____ County _____

Quality Plating Company, Inc. DCI Case No. 94-17
Site Name _____

ILD005474572 Field Sample #: X21C
USEPA ID # _____
FOS _____

Date Collected: 3/30/94 Time Collected: 14:25

Program Code: LP41 Unit Code: 02

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): Black 55 gallon container located at
SE corner of facility

Physical Observations, Remarks: Dark liquid with solvent like odor.

Tests Requested: Flash Point, Organic Scan for Trichloroethylene.

Retain samples until released by responsible authority (Yes) (No) (Yes)

Collected By: MDL Transported By: MDL

LABORATORY

Date Forwarded: 4/20/94

Laboratory Reviewer Signature: [Signature]

Lab Location

Champaign _____

Chicago _____

Springfield ✓Lab #: 52516Date Received: APR 4 1994Time Received: 12:30Received By: MDL

D454664

APR 4 1994

2-6030-16

SEAL INTACT

Printed on Recycled Paper

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : D-54604

SAMPLING POINT DESC. : QUALITY PLATING CO, INC-DCI#94-17/ X210

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1425

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : EPA

COMMENTS : FLASHPOINT, ORGANIC SCAN FOR TRICHLOROETHYLENE.

FUNDING CODE : LP41

AGENCY ROUTING : --

UNIT CODE :

SAM TYPE CODE :

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940404

TIME RECEIVED : 1250

RECEIVED BY : CMC

LAB OBSERVATIONS : 2-602 LIQUID

TRIP BL SAM# :

SUPERVISORS INITIALS : JTM

NOTE : K = LESS THAN VALUE

A3118 CHLOROMETHANE	UG/G : 160K
A3113 BROMOMETHANE	UG/G : 160K
A39175 VINYL CHLORIDE	UG/G : 160K
A34311 CHLOROETHANE	UG/G : 160K
A34423 METHYLENE CHLORIDE	UG/G : 80K
A81552 ACETONE	UG/G : 160K
A34488 TRICHLOROFLUOROMETHANE	UG/G : 80K
A77277 BROMOCHLOROMETHANE	UG/G : 80K
A77041 CARBON DISULFIDE	UG/G : 80K
A34501 1,1-DICHLOROETHYLENE	UG/G : 80K
A34496 1,1-DICHLOROETHANE	UG/G : 80K
A34546 TRANS-1,2-DICHLOROETHYLENE	UG/G : 80K
A77093 CIS-1,2-DICHLOROETHYLENE	UG/G : 80K
A32106 CHLOROFORM	UG/G : 80K
A331 1,2-DICHLOROETHANE	UG/G : 80K
A81595 2-BUTANONE (MEK)	UG/G : 160K
A34506 1,1,1-TRICHLOROETHANE	UG/G : 80K
A32102 CARBON TETRACHLORIDE	UG/G : 80K
A77057 VINYL ACETATE	UG/G : 160K
A32101 DICHLOROBROMOMETHANE	UG/G : 80K
A34541 1,2-DICHLOROPROPANE	UG/G : 80K
A34704 CIS-1,3-DICHLOROPROPENE	UG/G : 80K
A39180 TRICHLOROETHYLENE	UG/G : 830000
A32105 CHLOROCHLOROBROMOMETHANE	UG/G : 80K
A34511 1,1,2-TRICHLOROETHANE	UG/G : 80K
A78124 BENZENE	UG/G : 80K
A34699 TRANS-1,3-DICHLOROPROPENE	UG/G : 80K
A34576 2-CHLOROETHYLENE VINYL ETHER	UG/G : 80K
A32104 BROMOFORM	UG/G : 80K

AMPLE NUMBER : D454664

A78133 4-METHYL-2-PENTANONE(MIBK)	UG/G : 150K
A77103 2-HEXANONE(MBK)	UG/G : 160K
A34475 TETRACHLOROETHYLENE	UG/G : 730
A34516 1,1,2,2-TETRACHLOROETHANE	UG/G : 80K
A78131 TOLUENE	UG/G : 160
A34301 CHLOROBENZENE	UG/G : 80K
A78113 ETHYLBENZENE	UG/G : 80K
A77128 STYRENE	UG/G : 80K
A81551 XYLENE	UG/G : 80K
: SAMPLE DID NOT FLASH TO 150 DEG. C.	

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C400881

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO., INC. X211

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1430

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

COMMENTS : BLACK 55 GALLON CONTAINER, IDENTIFIED WITH LABEL "CYANOBRIK"

FUNDING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

SAM TYPE CODE : LPSP

SAMPLE PURPOSE CODE : 2

REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LAB OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

A11600 CYANIDE.TOT.SW846 MG/KG : 496279

RUSH

DLPC SPECIAL ANALYSIS FORM

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17

Lab Location
Champaign _____
Chicago ☒ _____
Springfield _____

Site Name
ILD005474572 Field Sample #: X212

Lab #: C400882

USEPA ID # _____
FOS _____
Date Collected: 3/30/94 Time Collected: 14:35

Date Received: 3-31-94
Time Received: 1:30 PM

Program Code: LP41 Unit Code: 02

Received By: C. Mathew

Sampling Purpose: (01-Sp. Req.) ☒ (02-DCT) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): Black 55 gallon container, located in
SE. to South central portion of facility.
Container with label "Cyanide."

Physical Observations, Remarks: Yellowish liquid, field pH=13.

Tests Requested: pH, TCLP - Metals: Cadmium, Chromium, Lead. Cyanide.

RECEIVED

APR 27 1994

IEPA-DLPC

Retain samples until released by responsible authority ☒ (Yes) (No)

Collected By: msr Transported By: msr

LABORATORY

Date Forwarded: APR 25 1994

Laboratory Reviewer Signature: Joagherty

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

NUMBER : C400882

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO., INC. X212

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1435

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

COMMENTS : BLACK 55 GALLON CONTAINER. LOC IN SE TO SOUTH CENTRAL PORTION

FUNDING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

SAM TYPE CODE : LPTC

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LAB OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

A10000 PH.SW846 MET	UNITS : 13.43	A11600 CYANIDE.TOT.SW846	MG/L : 61356
A14500 BARIUM.SW846 TCLP	MG/L : @HH	A14600 CADMIUM.SW846 TCLP	MG/L : @HH
A14700 CHROMIUM. TCLP	MG/L : @HH	A15100 LEAD.SW846 TCLP	MG/L : @HH
A15600 SILVER.SW846 TCLP	MG/L : @HH	: DUE TO THE NATURE OF THE SAMPLE	

: NO RESULTED COULD BE REPORTED.
: RESULTED IN A PRECIPITATE.
: ANALYSIS FOR TRACE MATELS.

: ANY ATTEMPT TO DILUTE THE SAMPLE
: WHICH INTERFERED WITH THE THE

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17
Site Name _____
ILD005474572 Field Sample #: X213

Lab Location
Champaign _____
Chicago X
Springfield _____

USEPA ID # _____
FOS _____

Lab #: 0100553

Date Collected: 3/30/94 Time Collected: 14:40

Date Received: 3-31-94

Time Received: 1:30 PM

Program Code: LP41 Unit Code: 02

Received By: [Signature]

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): Red 35 gallon container located at
central portion of facility - Container
identified with label "Potassium Cyanide"
Container was open.

Physical Observations, Remarks: Green solid material.

RECEIVED

APR 21 1994

Tests Requested: TCLP - Metals: Cadmium, Chromium, Lead. Cyanide.

IEPA-DLPC

Retain samples until released by responsible authority (Yes) (No)

Collected By: MSI Transported By: MSI

Date Forwarded: 15 1994

Laboratory Reviewer Signature: [Signature]

LABORATORY

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LABORATORIES
2121 WEST TAYLOR STREET
CHICAGO, ILLINOIS 60612

Printed on Recycled Paper

EMITTING SOURCE # : SITE # : 0316255003
 DATE COLLECTED : 940330 TIME COLLECTED : 1440 SAMPLING PROGRAM

COLLECTED BY : MSR DELIVERED BY : MSR
 COMMENTS : RED 25 GALLON CONTAINER LOCATED AT CENTRAL PORTION OF FACILITY
 FUNDING CODE : LP41 AGENCY ROUTING : 00 UNIT CODE :
 AM TYPE CODE : LFTC SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR

DATE RECEIVED : 940331 TIME RECEIVED : 1330 RECEIVED BY : CM-
 AB OBSERVATIONS : RUSH TRIP BL TEAM# :
 SUPERVISORS INITIALS : JWD NOTE : * = LESS THAN VALUE

10000 PH.FINAL TCLP EXT UNITS : 4.73	A11600 CYANIDE.TOT.SW846 MG/L : 5.1
15400 NICKEL. TCLP MG/L : 10000	A14500 BARIUM.SW846 TCLP MG/L : 0.25*
14600 CADMIUM.SW846 TCLP MG/L : 0.25*	A14700 CHROMIUM. TCLP MG/L : 0.25*
15100 LEAD.SW846 TCLP MG/L : 2.5*	A15600 SILVER.SW846 TCLP MG/L : 0.5*

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17

Lab Location
Champaign _____
Chicago ☒
Springfield _____

Site Name

ILD005474572

Field Sample #: X214

Lab #: 10085-1

USEPA ID #
FOS

Date Received: 3-31-94

Time Received: 1:30 PM

Date Collected: 3/30/94 Time Collected: 14:45

Program Code: LP41 Unit Code: 02

Received By: [Signature]

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): Floor sample from south end of facility.

Physical Observations, Remarks: Brownish solid.

APR 11 1994
APR 2

Tests Requested: TCLP - Metals: Cadmium, Chromium, Lead. Cyanide.

Retain samples until released by responsible authority (Yes) (No)

Collected By: MSR Transported By: MSR

LABORATORY

Date Forwarded: APR 15 1994

Laboratory Reviewer Signature: [Signature]

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LABORATORIES
2121 WEST TAYLOR STREET
CHICAGO, ILLINOIS 60612

Printed on Recycled Paper

MITTING SOURCE # : SITE # : 0316255003
 E COLLECTED : 940330 TIME COLLECTED : 1445 SAMPLING PROGRAM

OLLECTED BY : MSR DELIVERED BY : MIF
 MMENTS : FLOOR SAMPLE FROM SOUTH END OF FACILITY
 UNding CODE : LP41 AGENCY ROUTING : 00 UNIT CODE :
 AM TYPE CODE : LPTC SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

ATE RECEIVED : 940331 TIME RECEIVED : 1230 RECEIVED BY : CMA
 AB OBSERVATIONS : RUSH TRIP BL SAM# :
 UPERVISORS INITIALS : JWC NOTE : * = LESS THAN VALUE

10000 PH.FINAL TCLP EXT UNITS : 6.55	A11600 CYANIDE.TOT.SW846 MG/KG : 2160
14500 BARIUM.SW846 TCLP MG/L : 0.360	A14600 CADMIUM.SW846 TCLP MG/L : 0.06
14700 CHROMIUM. TCLP MG/L : 0.011	A15100 LEAD.SW846 TCLP MG/L : 0.114
15600 SILVER.SW846 TCLP MG/L : 0.014	

RUSH

DLPC SPECIAL ANALYSIS FORM

RECEIVED

MAY 20 1994

IEPA-DLPC

0316255003 - Cook
IEPA ID # _____ County _____
Quality Plating Company, Inc. DCI Case No. 94-17

Lab Location
Champaign _____
Chicago ☒
Springfield _____

Site Name
ILD005474572 Field Sample #: XZ15

Lab #: C100885

USEPA ID # _____
FOS _____
Date Collected: 3/30/94 Time Collected: 14:50

Date Received: 3-31-94
Time Received: 1:30pm

Program Code: LP41 Unit Code: 02

Received By: C. M. H. H.

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): NE plating line, steps.

Physical Observations, Remarks: Grey solid.

Tests Requested: ☒ TCLP - Metals: Cadmium, Chromium, Lead. Cyanide.

Retain samples until released by responsible authority (Yes) (No)

Collected By: msr Transported By: msc

LABORATORY

Date Forwarded: MAY 17 1994

Laboratory Reviewer Signature: *Daugherty*

Printed on Recycled Paper

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : 0400885

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO., INC. X215

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1450

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

COMMENTS : NE PLATING LINE. STEPS (RUSH)

FUNDING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

SAM TYPE CODE : LPTC

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LAB OBSERVATIONS : 24

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

A10000 PH.FINAL TCLP EXT UNITS : 9.15	A11600 CYANIDE.TOT.SW846 MG/KG : 294
A14500 BARIUM.SW846 TCLP MG/L : 0.066	A14600 CADMIUM.SW846 TCLP MG/L : 0.003K
A14700 CHROMIUM, TCLP MG/L : 2.7	A15100 LEAD,SW846 TCLP MG/L : 0.6
A15600 SILVER.SW846 TCLP MG/L : 0.01K	

RUSH

DLPC SPECIAL ANALYSIS FORM

RECEIVED

MAY 20 1994

0316255003

Cook

IEPA ID #

County

Quality Plating Company, Inc.

DCI Case No. 94-17

Site Name

ILD005474572

Field Sample #: X216

USEPA ID #

FOS

Date Collected: 3/30/94

Time Collected: 15:15

Program Code: LP41

Unit Code: 02

Sampling Purpose: (01-Sp. Req.) (02-DCI) (03-Emerg. Resp.) (04-Routine Sampling)

Source of Sample (Exact Location): located on plating tanks side, and between tanks, NE portion of facility.

Lab Location

Champaign

Chicago

Springfield

IEPA-DLPC

Lab #: C-100886

Date Received: 3-31-94

Time Received: 1:30 PM

Received By: [Signature]

Physical Observations, Remarks: Greyish Solid.

Tests Requested: TCLP - Metals: Cadmium, Chromium, Lead, Cyanide.

Retain samples until released by responsible authority (Yes) (No)

Collected By: [Signature]

Transported By: [Signature]

LABORATORY

Date Forwarded: MAY 17, 1994

Laboratory Reviewer Signature:

[Signature]

Printed on Recycled Paper

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : C400886

SAMPLING POINT DESC. : COOK-QUALITY PLATING CO., INC. X216

SUBMITTING SOURCE # :

SITE # : 0316255003

DATE COLLECTED : 940330

TIME COLLECTED : 1515

SAMPLING PROGRAM :

COLLECTED BY : MSR

DELIVERED BY : MSR

COMMENTS : LOCATED ON PLATING TANKS SIDE, AND BETWEEN TANKS, NE PORTION

FUNDING CODE : LP41

AGENCY ROUTING : 00

UNIT CODE :

SAM TYPE CODE : LPTC

SAMPLE PURPOSE CODE : 2 REPORTING INDICATOR :

DATE RECEIVED : 940331

TIME RECEIVED : 1330

RECEIVED BY : CMA

LAB OBSERVATIONS : RUSH

TRIP BL SAM# :

SUPERVISORS INITIALS : JWD

NOTE : K = LESS THAN VALUE

A10000 PH.FINAL TCLP EXT UNITS : 9.28

A11600 CYANIDE.TOT.SW846 MG/KG : 31

A14500 BARIUM,SW846 TCLP MG/L : 0.021

A14600 CADMIUM,SW846 TCLP MG/L : 0.003K

A14700 CHROMIUM, TCLP MG/L : 12.4

A15100 LEAD,SW846 TCLP MG/L : 0.05K

A15600 SILVER,SW846 TCLP MG/L : 0.01K