DWPC/EA

MEMORANDUM

DATE: Nov 9 1990
TO: DWPC/REG 2 File
FROM: Adolfo Gonzalez Jr, DWPC -- Region 2
SUBJECT: Deficiency Report on LTV Steel Co Chgo Works
NPDES No. IL0002593 Inspection Date: Oct 24, 1990

Description of apparent NPDES violations R.I.

NONE NOTED

EPA Region 5 Records Ctr.
307764

Description of O & M Deficiencies

Flowmeter for 004 out fall inoperative

Initial Action Recommendation:
Should CIL be sent? No Immediately N/A
Should CIL be held pending lab results? N/A
Can phone call resolve problems? N/A
Additional comments:

Follow up action:
Comments on Discharger Action:

Final Action Recommendation:

Action Decision:

JF:mgg618b/sp/2

United States Environmental Protection Agency
Washington, D. C. 20460

EPA NPDES Compliance Inspection Report

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N 2 5	3 IL0002595 11	12 901024 17	18 R	19 S	20 2

Remarks
21 RECONNAISSANCE INSPECTION 66

Reserved	Facility Evaluation Rating	BI	QA	Reserved
67 69	70 3	71 N	72 N	73 74 75 80

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
LTV Steel Co - Chgo Works 11600 S. Burley Ave Chicago, IL 60617 Cook County	10:40 AM ☐ PM Exit Time/Date 12:30 10-24-90	Dec 31, 1984 Permit Expiration Date Jan 1, 1990

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Hector Fernandez	Gen. Foreman	312 933-4522

Name, Address of Responsible Official	Title	Contacted
Mike Thomas	Envr. Coord.	☒ Yes ☐ No
	Phone No. (219) 391-2573	

Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	U	Flow Measurement		Pretreatment	N	Operations & Maintenance
N	Records/Reports	N	Laboratory		Compliance Schedules	—	Sludge Disposal
S	Facility Site Review	S	Effluent/Receiving Waters	S	Self-Monitoring Program	—	Other:

Section D: Summary of Findings/Comments *(Attach additional sheets if necessary)*

- 004 outfall was discharging at time of inspection
- Outfalls 001, 002 are owned by Republic Engineered Steel - no discharge noted, permit application status unknown
-

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone	Date
Adolfo Gonzalez Jr	IEPA/Maywood 708 345-9780	10-24-90

Signature of Reviewer	Agency/Office	Date
	IEPA / Chicago Area	11-9-90

Regulatory Office Use Only

Action Taken	Date	Compliance Status
		☐ Noncompliance ☐ Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete.

WASTEWATER TREATMENT WORKS - RECONNAISSANCE INSPECTION REPORT FORM

Plant Name: LTV Steel Co. Chgo Works File Location: Cook Date: OCT 24, 194

Basin Code #: HAA-032-15 NPDES Permit # IL0002593 Time: 12:05

Type of Plant Processes: (list) Non Contact Cooling Water

Ownership: A-Mun. C-Util. D-San. Dist. [E-Ind.] G-Com. J-State/Fed. K-Pub. Sch.

OBSERVATIONS

Persons Interviewed: Hector Fernandez Title: Gen. Foreman

Time of Visits: 10:40 Weather: 55 °F Partly Cloudy

Flow Rate of Sewage Being Treated: unknown mgd Time: 12:05

Chlorine Dosage to Final Effluent: N/A lb./day (gal. of %Sol'n/day)

Final Effluent Cl_2 Residual @ Stream: N/A mg/l

	Final Effluent @ Stream:	Appearance of Stream:
Color:	clear	pea green
Odor:	none	none
Suspended Solids:	none	some
Floatage:	none	none

Final Effluent Sample Collected @: Sample in manhole

Other Samples Collected: N/A

MAINTENANCE & OPERATION

Plant Units Out of Service and/or reason for bypassing: Not Applicable

Operating Conditions: Normal (though)

- flow meter inoperative for 004 outfall

Remarks:

Lab No.	BOD	TSS	NH_3-N	pH	PHOS.	FOG						
C 004538	3	5	—	8.1	—	LT 1						
	mg/l	mg/l		SU		mg/l						

Copy of Laboratory Analysis Report Form Attached: Yes X No ___

Inspected by: A Gonzalez
Signature

DD:dw/2009b-11

cc: WPC/FOS/RU

ESD-0106
WPC 255 (1-80)

Sheet Color: IEPA - DWPC - FOS - LAB SHEET C004538 Field ID No.:

9-Funding Code: W P O 6 10-Agency Routing C G 12-File Code: F F F L 13-Sample Type: X

15-Reporting: 8 16-DID:Basin H A A County 0 3 2 Plant 1 5 17-Sampling Program: M 6

18-Facility/Sample Pt: L I V S T E E L C H I 0 0 4

19-Begin Date: 9 0 1 0 2 4 (Y Y M M D D) 20-Begin 1 2 0 (H H M) (24 hr.cloc

23-Instructions to Lab:

21-Collected by: A G 22-Transported by: A G

Composite Sample Ending Date: 5 2 9 F 0 (Y Y M M D D)

Ending Time: 5 2 9 F 0 (H H M M) (24-hr.clock)

03-Lab Parameter Group:

Additional Lab Parameters	Field Parameters	Results
	501F0 Air Temp (°C)	
TSS	502F0 Water Temp (°C)	
BOD	504F0 Dissolved O_2	
pH	503F0 Conductance	
FOG	500F0 pH	

27-Received By: Date: (Y Y M M D D)

Received by: Date: (Y Y M M D D)

Circle One: Effluent, Stream, Speci. Influent, Process Flows, WWTI Sludge, Cooling Water, Othe

Program: WPC/FOS

NPDES No: IL0002593

Receiving Stream Name: Calumet River

Receiving Stream Conditions (velocity,et turbid

Effluent Conditions: clear

Weather Conditions: 55 °F Partly Cloudy

Comments & Unusual Conditions & Severity: (If applicable, Stamp- "No Visible Problem This Visit")

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Remarks:

Sampling Techniques: grab at sampling manhole

Mail To:

FOR LABORATORY USE ONLY

LAB ID NO. C004538

Sample Received By: RJ Parks

Date Received: 10-25-90

Time Received: 9:30 AM

Lab Section: Chem.

Supervisor: James Daugherty NOV. -1. 1990

Effective: 6/1/87

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

.E NUMBER : C004538
LING POINT DESC. : LTV STEEL CHI 004

JBMITTING SOURCE # : HAA 03215 SITE # :
DATE COLLECTED : 901024 TIME COLLECTED : 1205 SAMPLING PROGRAM : M6

COLLECTED BY : AG DELIVERED BY : AG
COMMENTS :
FUNDING CODE : WP06 AGENCY ROUTING : CG UNIT CODE :
SAM TYPE CODE : EFFL SAMPLE PURPOSE CODE : X REPORTING INDICATOR : B

DATE RECEIVED : 901025 TIME RECEIVED : 0930 RECEIVED BY : LJP
LAB OBSERVATIONS : TRIP BL SAM# :
SUPERVISORS INITIALS : JWD NOTE : K = LESS THAN VALUE

P00403 PH-LABORATORY	UNITS :	8.1	P00310 BOD 5DAY	MG/L :	3
P00530 SOLIDS,TOT.SUS.	MG/L :	5	P00556 OIL,GRAVIMETRIC	MG/L :	1K

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NOV 02 1990
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Field Operations Section – Reg. 2