SEMS-RM DOCID # 1167406

COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

JOHN D. PARKHURST
General Manager

January 5, 1977

In reply, please refer to
File:1-00.05-00/77-5093R

City of South Gate
8650 California Ave.
South Gate, CA 90280

Attention: Leslie D. Root

Subject: Industrial Wastewater Discharge Permit No. 5093
Schultz Steel Company
5821 Firestone Blvd.
South Gate, CA 90280

Dear Mr. Root:

Enclosed are copies of the approved Industrial Wastewater Discharge Permit and the Additional Information Questionnaire for industrial waste discharge from subject company. Please review these for compliance with your requirements, and retain the copies you require for your files. A copy of this letter is forwarded to the applicant to notify him of the Sanitation Districts' permit requirements, which are in force from the current date. If any additional permit requirements are issued to the applicant by your agency, copies should be forwarded to the Sanitation Districts for our records.

Approval of the permit is contingent upon continuing compliance with all applicable Ordinance requirements, and upon the following specific requirements:

1. The Sanitation Districts' Ordinance requires that all floor drains located in industrial areas, or other areas where oil or grit may enter the sewer must be routed through a gravity separation interceptor. Schultz Steel Company may be required to install an interceptor if inspection indicates prohibited materials are discharged.

2. This permit is issued only for the discharge of cooling tower bleed-off water to the public sewer. Before any other industrial waste is discharged to the sewer system subject company is required to file a revised permit application.

3. The applicant's Surcharge Statement for fiscal years 1972-73, 1973-74, and 1974-75 were delinquent August 15, 1973, August 15, 1974, and September 15, 1975 respectively, and should be filed as soon as possible.

Thank you for your cooperation in this matter.

Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By Leslie D. Rose
Leslie D. Rose
Supervising Industrial Waste Engineer

LDR:TG:ct
cc: Schultz Steel Company

Attn: John H. Usherwood

PPLICATION NO. 41170

EXISTING INDUSTRY

PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE

SANITATION DISTRICTS OF LOS ANGELES COUNTY

PERMIT NO. 5093

[illegible] SANITATION DISTRICTS OF LOS ANGELES COUNTY [illegible]

John D. Parkhurst, Chief Engineer and General Manager

[illegible] WHITTIER, CALIFORNIA 90607

South Gate, Calif.* 08 / 30 / 76 (MO. DAY YR.)

PPLICATION IS HEREBY MADE BY* SHULTZ STEEL COMPANY (PRINT) (FIRM NAME) A

(Mailing Address) 5321 Firestone Blvd. (STREET) cos South Gate (CITY) CA (STATE) 90280 (ZIP) E

Tenant (OWNER, TENANT, ETC.) s of the property located at:

(Street) 5321 Firestone Blvd. (PRINT) (City) South Gate (Zip) 90280 (ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

ssessors Map Book No.* 6216 Page No.* 037 Parcel No.* 017 K (LEGAL ADDRESS OF PROPERTY PRODUCING WASTEWATER DISCHARGE)

PRINT (LOCATION OF POINT OF WASTEWATER DISCHARGE TO SEWERAGE SYSTEM)

r a Permit for Industrial Wastewater Discharge to the sewerage system.

Type of Industry* Warehouse & Metal Forging (GENERAL DESCRIPTION) M. 17 3310-3319 3313, 3312 (FEDERAL SIC NOS.) Q

Number of Employees (Full Time)* 63 (Part Time)* None S

Raw Materials Used* Alloy Steel Bars & Billets (GENERAL DESCRIPTION – ADD ADDITIONAL SHEETS AS NEEDED) U

Products Produced Alloy Steel Bars & Forgings (GENERAL DESCRIPTION – ADD ADDITIONAL SHEETS AS NEEDED)

Wastewater Producing Operations Cooling Tower

(FULL DESCRIPTION – ADD ADDITIONAL SHEETS AS NEEDED)

Time of Discharge – * 24 Hrs. AM PM to ____ AM PM, (WORKING DAY – CROSS OUT AM OR PM) Days per Week* (M) (T) (W) (Th) (F) Sa Su (CIRCLE DAYS)

Wastewater Flow Rate* 4500 GPD AA (Gallons Per Day)

Constituents of Wastewater Discharge Water (Cooling Tower Bleed)

(GENERAL DESCRIPTION – ATTACH CHEMICAL ANALYSES RESULTS TO THIS APPLICATION)

rson in company responsible for industrial wastewater discharge:

JACK USHERWOOD (PRINT) (NAME) ENGINEER (POSITION) (213) 564-3231 (TELEPHONE NUMBER) 99

ffirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

te August 30, 1976

gnature for Applicant John N. Usherwood (COMPANY ADMINISTRATIVE OFFICIAL) (NAME) [signature] Engineer (POSITION)

pproved by City or County Official

te AUG 31, 1976

r Dept. of County Engineers ☐

City of SOUTH GATE ☑

me [signature]

sition DIR OF BLDG

Approved by Sanitation Districts of Los Angeles County

Date Jan 5 1977

John D. Parkhurst, Chief Engineer and General Manager

by [signature]

Position Sup. Indust. Waste Engr.

ote: A permit fee may be required by the local City or County Agency.

This form when properly signed shall be a valid permit unless suspended or revoked.

RETURN THIS COPY TO APPLICANT WHEN APPROVED

PERMIT NO.

5096

ADDITIONAL INFORMATION QUESTIONNAIRE FOR PERMIT APPLICANTS

SANITATION DISTRICTS OF LOS ANGELES COUNTY
1955 Workman Mill Rd., P.O. Box 4998, Whittier, CA. 90607
John D. Parkhurst, Chief Engineer and General Manager

South Gate, Calif. 08 / 30 / 76 (MO / DAY / YR)

Name of Company SHULTZ STEEL COMPANY S.I.C. No. 3310-3319

Mailing Address 5321 Firestone Blvd. (PRINT) (STREET) South Gate (CITY) CA (STATE) 90280 (ZIP)

Address of Wastewater Discharge 5321 Firestone Blvd. (PRINT) (STREET) South Gate (CITY) CA (STATE) 90280 (ZIP)

Legal Address 6 2 1 8 (MAP BOOK NO.) 3 3 7 (BLOCK NO.) 2 1 7 (PARCEL NO.) Permit Application No. _____

IF YOUR COMPANY DISCHARGES OR WILL DISCHARGE TO THE SEWER any of the wastewater constituents listed below, please check the appropriate box:

1. Flammable wastes (406A) ☐
2. Toxic or poisonous wastes (406B) ☐
3. Acidic materials (pH less than 5.0) (406C) ☐
4. Materials that could obstruct the sewer (406D) ☐
5. Rainwater (406E) ☐
6. Dilution water (406F) ☐
7. Petroleum based soluble cutting oils (406G) ☐
8. Any quantities of petroleum based oils (406H) ☐
9. Cyanide wastes (406J) ☐
10. Total dissolved solids above 5000 mg/l (406K) ☐
11. Highly odorous wastes (406M) ☐
12. Dissolved sulfides over 0.1 mg/l (406N) ☐
13. Basic materials (pH greater than 10.5) (406O) ☐
14. Toxic gases (406P) ☐
15. Temperature over 120° F. (406Q) ☐
16. Highly colored wastes (406V) ☐
17. Wastes larger than ½" in diameter (406W) ☐
18. Any arsenic, boron, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, tin, zinc, or other toxic materials (406X) ☐
19. Blow down or bleed water from cooling towers, boilers or evaporative coolers (406Y) ☒
20. Single pass cooling water (406Z) ☐
21. Radioactive materials (406AA) ☐
22. Recognizable portions of the human anatomy (406BB) ☐

NOTE: Numbers in parentheses refer to the designated section in the Districts' Industrial Waste Ordinance.

IF YOUR COMPANY HAS ANY OR WILL HAVE ANY OF THE FOLLOWING PRETREATMENT SYSTEMS for wastewater prior to disposal to the sewer, please check the appropriate box.

1. Interceptor, clarifier, sump or trap ☐
2. Screen or filter ☐
3. Centrifuge ☐
4. Cyclone ☐
5. Grit removal ☐
6. Grease or oil removal ☐
7. Solvent separation ☐
8. Acid or base neutralization ☐
9. Chemical coagulation or precipitation ☐
10. Cyanide destruction ☐
11. Chromium reduction ☐
12. Spill protection ☐
13. Rainwater diversion or storage system ☐
14. Grinder over 2 horsepower ☐
15. Air flotation ☐
16. Other _____ ☐
17. Other _____ ☐

I hereby affirm that all information furnished is true and correct to the best of my knowledge.

Date August 30, 19 76

Signature for Applicant John M. Underwood (COMPANY ADMINISTRATIVE OFFICER) John M. Underwood (NAME) Engineer (POSITION)

5003 | 9 | 1 | 76 | 4,500

SCHULTZ STEEL COMPANY

59 D-3

DATE	TO	STATUS/REMARKS	INITIAL
12/21/76	TG	Class 2 Critical ___ yes ✓ no	
		New Constr ___ Exist. Facil ___	
		Inspection File : Violation(s) None	
		date 76/6/29	
		Acct # ___	

Surcharge	Filed	72-73	73-74	74-75	75-76
	Yes				✓
	No	✓	✓	✓	

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

JOHN D. PARKHURST
Chief Engineer and General Manager

August 26, 1976

In reply, please refer to
File: 01-00.05-00/76

Schultz Steel Company
5321 Firestone Blvd.
South Gate, California 90280

Subject: Second Notification of Requirement to Obtain Industrial Wastewater Discharge Permit

Gentlemen:

In July, 1976, your company was sent a letter notifying you that a permit must be obtained by any company discharging industrial wastewater to the public sewers.

As yet, this office has not received any response from your company concerning this matter. The application form and required supporting information, as explained in the instruction booklet, must be submitted within 30 days of the date of this letter to the City of South Gate. Enforcement actions may be implemented against your company if the application is not submitted within the stated time period.

If your application may be delayed for any reason, or if you have any questions concerning the permit application, please contact the Sanitation Districts' Industrial Waste Section at extension 261.

Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By Leslie D. Rose
Leslie D. Rose
Supervising Industrial Waste Engineer

LDR:pe
cc: City of South Gate
8650 California Ave.
So. Gate, CA 90280
Attn: Leslie D. Root

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, California
Mailing Address: P. O. Box 4998, Whittier, California 90607
Telephone: (213) 699-7411 / From Los Angeles (213) 685-5217

JOHN D. PARKHURST
Chief Engineer and General Manager

Check City

July 9, 1976

In reply, please refer to
File:01-00.05-00/76

Schultz Steel Company
5321 Firestone Blvd.
South Gate, California 90280

F.U. 8/25/76

Subject: Notification of Industrial Wastewater Discharge Permit and Surcharge Requirements

Gentlemen:

The Sanitation Districts' Ordinance, adopted April 1, 1972, requires that a permit must be obtained by any company discharging industrial wastewater to the public sewers, and that a Surcharge Statement must be filed annually.

According to the Districts' records, your company has not yet applied for an Industrial Wastewater Discharge Permit. If your company desires uninterrupted use of the sewer system for the discharge of industrial wastewater, the Districts request that you complete the
* enclosed permit application in accordance with the requirements outlined in the enclosed instruction booklet. Your application should be submitted within 45 days of the date of this letter to the City of South Gate.

If your company has failed to file annual surcharge statements for any year since 1972-73, this should be done as soon as possible. Surcharge forms and instructions have been mailed under separate cover if our records show that any past surcharge statement is delinquent.

If you require any assistance in preparing the permit application or surcharge statement, please contact the Sanitation Districts' Industrial Waste Section at extension 250.

Very truly yours,

John D. Parkhurst
Chief Engineer and
General Manager

By Leslie D. Rose
Leslie D. Rose
Supervising Industrial Waste Engineer

LDR:gkb
cc: City of So. Gate
8650 California Ave
So. Gate, CA 90280
Attn: Leslie D. Root
Encls.*

TO: [redacted] - SURCHARGE/GKB - PERMIT

I. W. DISCHARGE PERMIT & SURCHARGE NOTIFICATION & PACKAGE REQUEST

Please send I. W. Permit & Surcharge Package to:

COMPANY NAME SCHULTZ STEEL COMPANY District 01

Mailing Address 5321 Firestone Blvd., South Gate

Situs Address same as above

Attention: Jack Usherwood Position

Type of Industry Steel mill

Reason for Request no permit for industrial wastewater discharge

Wastewater Producing Operation(s) cooling tower bleedoff, rainwater, yard drain, test tank water and filter backwash; quench tanks

Existing or New: Existing In operation since:

Requested By Robert Herman Date 6-29-76

FOR SURCHARGE USE:

Account No. 1196030

Map Book No. 6246 Page No. 037 Parcel No. 017

Surcharge Statements enclosed: WILL SEND = X

72-73 FILED 73-74 X 74-75 X

Surcharge Status Checked by: Bri Cherone Date 7/7/76

PERMIT OR I.W. NO.

Checked & Mailed By: [illegible] Date 7/9/76

Follow-up Dates (1) 8/25/76 (2) (3)

Approved By: JDR Date 7-9-76

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422

CHARLES W. CARRY
Chief Engineer and General Manager

January 5, 1999
File: 01-99-5093H
Account No. 1196030

Mr. Jim Biery
City Engineer
City of South Gate (DPW)
8650 California Ave.
South Gate, CA 90280

Dear Mr. Biery:

Preliminary Approval for 4000 Gallon Clarifier and Sample Box

Shultz Steel Company
5321 E. Firestone Boulevard
South Gate, CA 90280

The Sanitation Districts' recently received a permit application from Shultz Steel Company that was reviewed by the City of South Gate and forwarded to our office. The company has proposed the installation of a new 4000 gallon clarifier and sample box at the above address. The purpose of this letter is to grant preliminary approval for new construction.

The plans for the project are acceptable to the Districts. The Districts approve of this project in concept and do not object to the issuance of the necessary building and/or construction permits. As always, the proper construction and maintenance of the facilities is the responsibility of the company and its contractors. The Sanitation Districts hereby request that the City of South Gate expedite this approval with the understanding that a formal permit will likely be approved within several weeks. The company must comply with all of your regulations which may involve obtaining a permit through your agency.

If you have any questions concerning these requirements, please call Wilfrido D. Mejia of the Sanitation Districts' Industrial Waste Section at extension 2958.

Very truly yours,

Charles W. Carry

John D. Kilgore
Supervising Civil Engineer

JDK:WM:
cc: Peter Nash
Shultz Steel Company
5321 E. Firestone Boulevard
South Gate, CA 90280

Recycled Paper

NON-SUBMITTAL ENFORCEMENT LOG

COMPANY: Shultz Steel Co	
SITUS ADDRESS: 5321 E Firestone Blvd South Gate	SITUS ZIP 90280
ACCOUNT NO: 1196030	PERMIT NO: 5093
CONTACT: Peter Nash	PHONE: 213 564-3281

ENFORCEMENT ISSUE (attach supporting documents if appropriate): 215: Failure to submit overdue SMR for 1-1-98 to 6-30-98.

DATE OF FIRST NOTIFICATION: 8/11 DATE OF VIOLATION: 7/15/98

ATTEMPTS TO GAIN COMPLIANCE

Include names and dates of written or phone contact with the industrial user or local agency and a brief summary of response.

REQUESTOR: Charlene Hamilton EXT: 2927

REFERRED TO ENFORCEMENT GROUP (DATE): 11/4/98

ENFORCEMENT

Include names and dates of contact with the IU or local agency and a brief summary of response.

REFERRED TO: Barbara Jenkins (Inspector) BY: [illegible] (Enforcement Engineer) ON: NOV 5 1998 (Date)

Request resolution or NOV issuance for Ordinance section _____, concerning _____

Pending.wpd

NON-SUBMITTAL ENFORCEMENT LOG

INSPECTOR ACTIVITY

Include inspection dates, contact name and a brief summary of response.

11/17/98 - Peter Nash - Plant Engineer (at Situs) & Matt McCullough - Contractor (over phone from Situs). I gave Mr Nash copy of CSD letter dated 8/11/98 concerning overdue SMR; another SMR printed form; & the production data sheet. I talked to Mr McCullough - testing was already done on 9/24/98. He'll fill out the SMR form & data sheet tonite & hand carry to Mr Nash tomorrow for signing.

11/19/98 - Greg Hoerner - JWPCP SR Lab Tech - hand delivered Situs SMR pkg to me. Mr McCullough had hand delivered this pkg after hours (4pm) on 11/18/98. Mr Hoerner took the pkg from Matt & delivered it to me on 11/19/98 (11/18/98 I had already left JWPCP). I hand delivered the SMR pkg to Charlene Hamilton at JAO on 11/19/98.

RESOLUTION

NOV # _____ ISSUED ON: _____ (Date) TO: _____ (Name), _____ (Title)

FOR SECTION: _____

MAIL COMPLIANCE LETTER TO: _____ (Name), _____ (Title)

SUBMITTAL MAILED ☐ HAND CARRIED ☒ DATE: 11/19/98 BY Barbara Jenkins to Hamilton

CC: Supv Inspector; Enforcement, Specialty Eng _____; Permit Eng _____; Surcharge Asst _____

I:\enflog.wpd

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422

CHARLES W. CARRY
Chief Engineer and General Manager

November 13, 1997
File: 01-00.05-00/94-5093C
Acct: 1196030

Peter Nash
Shultz Steel Company
5321 Firestone Blvd.
South Gate, CA 90280

Dear Mr. Nash:

Industrial Wastewater Discharge Permit:No. 5093

Shultz Steel Company
5321 Firestone Blvd.
South Gate, CA 90280

The plans and the application for Industrial Wastewater Discharge Permit you have submitted for review by the Sanitation Districts are being returned less one copy for the Districts' file. The plans and permit application are NOT approved because additional information is required to allow proper evaluation of your submittal. Please revise your submittal in accordance with the items indicated below:

1. Sanitation Districts Ordinance states in Section 413-Separation of Domestic and Industrial Wastewaters: "All domestic wastewaters from restrooms, showers, drinking fountains, etc., shall be kept separate from all industrial wastewaters until the industrial wastewaters have passed through any required pretreatment system or device and the discharger's monitoring facility or station." As such, Shultz Steel Company must submit plans showing the proposed segregation of sanitary waste from industrial waste upstream of the sample point.

2. The plans indicate two separate connections to the sewer system. Shultz Steel Company must route all industrial wastewater through one connection. If it is not feasible to route all industrial wastewater through one connection, then Shultz Steel Company must submit a separate industrial wastewater discharge permit and corresponding plans and documentation directly to:

   Mr. Jim Biery
   City Engineer
   City of South Gate (DPW)
   8650 California Ave.
   South Gate, CA 90280

3. Submit four (4) sets of plans showing:

   a. Location of all of the industrial wastewater generating processes.
   b. Industrial wastewater discharge lines leaving each process and entering the pretreatment facilities.
   c. Location of wastewater treatment facilities.
   d. Each stage of the treatment and all associated industrial wastewater lines and piping.

4. Submit one copy of each of the water bills from the past twelve (12) months. Also, provide a written description of how the water is used so that the proposed industrial wastewater discharge flowrate of 8560 gallons per day can be verified.

5. Laboratory results of 24-hr. composite tests for Chemical Oxygen Demand (COD) and Suspended Solids (SS). The tests must be run by a lab on the enclosed list of Sanitation Districts approved laboratories.

6. All companies regulated under an Environmental Protection Agency's (EPA) category must submit a Baseline Monitoring Report for each category that the company is categorized under. Shultz Steel Company is classifed under three EPA categories: Iron and Steel Manufacturing (40 CFR 420), Aluminum Forming (40 CFR 467), and Non-Ferrous Metals Manufacturing (40 CFR 421). A baseline monitoring report must be completed for all categories. Please see the enclosed forms.

7. Because Shultz Steel Company is classified under EPA categories which establish mass-based limits, Shultz Steel Company must submit production data. Complete and submit the enclosed pages titled: "Wastestream and Production Information".

8. Self-monitoring of the industrial wastewater must be performed at the intervals indicated on the enclosed Self-Monitoring Requirement Form and reported on the Self-Monitoring Report (SMR) form. The Districts will send the necessary SMR forms before each reporting period. All indicated analyses must be performed by a State or Sanitation Districts' certified laboratory. The certification section of the SMR form must be completed and signed by a responsible company official. For each reporting period, the completed SMR form and the corresponding laboratory report must be submitted to the Districts' Industrial Waste Section no later than the due date indicated on the form. The wastewater samples analyzed must be collected in such a way that they are representative of the total discharge generated by a typical day's operations. Each representative sample (composite and/or grab) should be collected over one 24-hour period and analyzed for all parameters in Table 1 of the Self-Monitoring Requirements form. All representative samples must meet all applicable limits. It is the responsibility of Shultz Steel Company to submit results from any additional self-monitoring, and to notify the Districts of any other toxic materials which are known to be present in the wastewater.

9. The above information and the information being returned to you must be submitted directly to the Sanitation Districts within one hundred and eighty (180) days from the date of this letter.

If you have any questions concerning these requirements, please contact Mischelle D. Mische of the Sanitation Districts' Industrial Waste Section at extension 2916.

Very truly yours,

Charles W. Carry

John D. Kilgore
Supervising Civil Engineer

JDK:MDM:wh

cc: Mr. Jim Biery
City of South Gate

SANITATION DISTRICTS OF LOS ANGELES COUNTY
INDUSTRIAL WASTE SECTION
P. O. BOX 4998
WHITTIER, CA 90607

ENTERED DEC 05 1997

SELF-MONITORING REQUIREMENTS

Significant Noncategorical Industrial User

Date	November 13, 1997		
Firm Name	Shultz Steel Company	Permit No.	5093
Situs Address	5321 Firestone Blvd.	Account No.	1196030
	South Gate, CA 90280	District No.	01
Contact Person	Peter Nash	SIC No.	3460
Telephone No.	(213) 564-3281	Annual Flow (MGY)	2.21

WASTEWATER CHARACTERISTICS TESTING REQUIREMENT

Frequency of Analysis - Once per six (6) months.

Self-monitoring of industrial wastewater is required as a condition of your industrial wastewater discharge permit. Samples must be collected and preserved in accordance with 40 CFR 136 and analyzed by a Sanitation Districts' or State Department of Health Services' certified laboratory. Test parameters are in Table 1. Self-monitoring results must be reported on the Self-Monitoring Report form provided.

The Self-monitoring Report form and the appropriate laboratory analysis sheet(s) must be submitted in accordance with the dates listed in Table 2. Both the Self-monitoring Report form and the laboratory analysis sheet(s) must be submitted. Self-monitoring Report forms for each reporting period will be distributed one month prior to the beginning of the reporting period. Failure to submit self-monitoring data as required will result in the initiation of enforcement action against your company.

TABLE 1 -REQUIRED WASTEWATER CHARACTERIZATION TESTS

Test Code	Test Parameter	Unit	Limit (mg/l)	Type of Sample
Z01	Total Wastewater Flow Rate	GPD	–	Not Applicable
Z02	Peak Wastewater Flow Rate	GPM	–	Not Applicable
403	Chemical Oxygen Demand (COD)	mg/l	–	24-hr. Composite
151	Suspended Solids	mg/l	–	24-hr. Composite
101	pH	pH units	>6	Grab
206	Cyanide	mg/l	10	Grab
252	Sulfides-Dissolved	mg/l	0.1	Grab

Test Code	Test Parameter	Unit	Limit	Type of Sample
408	Oil & Grease	mg/l[1]		Grab
705	Arsenic	mg/l	3	24-hr. Composite
708	Cadmium	mg/l	15	24-hr. Composite
709	Chromium (Total)	mg/l	10	24-hr. Composite
712	Copper	mg/l	15	24-hr. Composite
714	Lead	mg/l	40	24-hr. Composite
717	Mercury	mg/l	2	24-hr. Composite
718	Nickel	mg/l	12	24-hr. Composite
722	Silver	mg/l	5	24-hr. Composite
724	Zinc	mg/l	25	24-hr. Composite

TABLE 2:
SELF-MONITORING REPORTING SCHEDULE[2]

Analysis Frequency	Reporting Period	Due Date[3]
Once per year	July 1 - June 30	July 15 (the following year)
Once per 6 months	January 1 - June 30 July 1 - December 31	July 15 January 15
Once per 3 months	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 15 July 15 October 15 January 15
Once per month	Day 1 - Day 31 of the month	Day 15 (the following month)

SURCHARGE TEST REQUIREMENTS

Industrial users participating in the Sanitation Districts' Surcharge Program may be subject to additional self-monitoring requirements besides those specified in the permit conditions. Surcharge testing parameters include Chemical Oxygen Demand (COD) and suspended solids (SS). For companies that file Long Form Surcharge Statements, the testing frequency for COD and SS is based on flow as shown in Table 4 below. Surcharge wastewater analyses must adequately represent the average daily discharge to the sewer system and the results must be submitted annually with the wastewater treatment surcharge statement in accordance with

---

[1] Oil & Grease must be analyzed by Standard Method 503(A) or 5520(B).

[2] The laboratory data sheet(s) for each analysis performed during the reporting period must be included with the Self-monitoring Report form. However, only the results from the most recent sample collected during the reporting period should be recorded on the Self-monitoring Report form.

[3] The Self-monitoring Report form may be submitted before the due date as long as the sample is taken during the appropriate reporting period.

each year's "Instruction for Filing a Long Form Wastewater Treatment Surcharge Statement." Surcharge test requirements are independent of the self-monitoring report requirements.

TABLE 4:
SURCHARGE TESTING FREQUENCY FOR COD AND SS
(Must be 24-hour Composite Samples)

Yearly Cumulative Flow from Each Outlet (in million gallons)	Required Testing Frequency
Less than 15.00	1 sample per 3 months
15.01 to 40.00	1 sample per 2 months
40.01 to 100.00	2 samples per month
100.01 to 250.00	1 sample per week
More than 250.00	2 samples per week

PERMIT EVALUATION SUMMARY

Company Name Shultz Steel Company Date November 5, 1997

Evaluation Summary By Michelle D. Miche I.W. No. 5093

Account No. 1196030 Flow, gpd 8560 Peak Flow, gpm 20

District No. 01 SIC No.(s) 3460

EPA Category Aluminum Forming, Nonferrous Metals Forming, and Iron and Steel Manufacturing

EPA Code 67 20 71 BMR Submitted: No Permit Type: Revision

Existing Connection: Existing Existing Discharge: Yes

1. **Type of Industry and Process Description.**

   Type of Industry: Metal forging.

   Raw Materials Used: steel, aluminum, titanium, and nickel billets

   Products Produced: steel, aluminum, titanium, and nickel formed/forged products.

   A brief overview as submitted by the company is as follows:

   "Shultz Steel forges metal parts of titanium, nickel, zinc, and steel alloys. The forging of metal parts requires that the metal be heated to high temperatures and pressed into a specified shape using presses and hammers. To generate sufficient force, the presses use hydraulic systems and the hammers use compressed air. After forging, some parts must be water quenched quickly in order to retain required properties."

   Industrial wastewater generating processes include: furnaces, presses and hammers, quench tanks, cooling towers, air compressors, and oil reclamation.

   Furnaces: Metal pieces are heated to 600 to 2000 degrees F, prior to forging. In order to maintain a slightly positive pressure, water is used in the seals. Due to evaporation, the water level in the seals will decrease. If the level falls below a minimum height, then a valve opens so that fresh water will refill the seal. Sometimes, water may overflow the seal compartment and collect in a trench that is beneath the furnace. A Shultz Steel employee estimates that 133 gallons per day evaporate from the furnace seals. Each furnace seal contains less than 100 gallons. The wastewater flow from this source is considered insignificant.

   Hydraulic Press Operations: The presses use hydraulic systems to produce the force necessary to shape the metal. A mixture of lubricant and water is sprayed on the dies prior to metal forging to facilitate release. The heated metal is placed in a die and forged. After the part is removed, water is sprayed on the die to cool it. Excess die-lube and water run off the sides of the dies and into collection pits or trenches beneath each press. The presses use hydraulic systems to produce the lubricant and water is sprayed on the dies prior to metal forging.

2. **Reason for Submittal.**

   This submittal is due to:

   1) Flow increase from 4500 gpd to 8560 gpd
   2) Five year renewal

3. **Listing of Other Permits at Situs.**
IW 5093 is the only industrial wastewater discharge permit at 5321 Firestone Boulevard in South Gate.

4. **Brief Permit History (previous approvals and/or rejections).**
APP 1/5/77 at 4500 gpd

5. **Inspections/Enforcement Status.**
Inspection Records: Inspection records note that a more suitable sample point should be proposed.

Enforcement History: Shultz Steel Company does not have an enforcement history and they are not currently under enforcement.

6. **Sources of Wastewater and Flow Verification.**
IW Sources: IW producing operations are from metal forging/forming contact cooling, equipment cleaning, and cooling towers.

The IW sources at Shultz Steel can be divided into three basic processes: 1) Cooling towers, 2) Metal quenching, and 3) Press die cooling.

The IW sources can further be broken down into the following segments:
1. 28,000 ton press and a 6,000 ton press
2. Quench tanks
3. Furnace Seals
4. Cooling Towers
5. 25K, 10K, 5K Hammers

NEED FLOWRATE BROKEN DOWN BY PROCESS

Flow Verification:

NEED FLOW VERIFICATION

7. **Schematic Flow Diagram or List of Pretreatment Systems.**

NO PRETREATMENT IS SHOWN

8. **Approved Sampling Point Location And Description.**
The approved legal sampling point is the existing sample box.

SHULTZ STEEL-MUST PROPOSE A NEW SAMPLE POINT BECAUSE THE PRESENT POINT HAS COMMINGLING OF SANITARY AND INDUSTRIAL WASTE.

9. **Other (Spill containment, Rainwater, Groundwater, Special Limits, etc.)**
Flow monitoring and rainwater are not concerns at this facility.

Software Information:
1) There is no record under the connection fee system in the computer under the account number.
2) There is also no page in the baseline binder for Shultz Steel Company.

EPA Category:
The company is classified under three EPA categories:
1) Iron and Steel Manufacturing: Under this category the company is under the subcategory of hot forming.
2) Nonferrous Metals Forming and Metals Powders: Under this category, the company is under the subcategories of Nickel-Cobalt forming and Titanium forming.
3) Aluminum Forming: Under this category, the company is under the subcategory of forging.

Recommend: REJECTION due to: 1) flowrate broken down by process, 2) flow verification, 3) need suitable sample point

COMPANY HAS MASS BASED LIMITS — BMR'S MUST be submitted WITH PRODUCTION DATA 11-12-97 DBW

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422

August 7, 1998

CHARLES W. CARRY
Chief Engineer and General Manager

005093

SHULTZ STEEL CO
5321 E FIRESTONE BLVD
SOUTH GATE CA 90280

Notice of Results of Sanitation Districts' Industrial Waste Monitoring

Attached please find the results of recent Sanitation Districts' wastewater sampling at your company's discharge sewer corresponding to the permit shown on the analysis sheet.

This sampling was made pursuant to Section 414 of the Sanitation Districts' Wastewater Ordinance as part of a random verification monitoring program conducted at significant dischargers of industrial wastes. The Districts' sample results are being provided to you to make you aware of any changes at your facility which may result in higher than anticipated industrial waste discharges to the sewer system. It is your responsibility to investigate any differences in the wastewater sample results provided by the Districts and the results of your self-monitoring. For companies that file long form surcharge statements, these Districts-obtained sample results should be combined with your wastewater self-monitoring results on the annual wastewater treatment surcharge statement.

As stated in the Districts' Connection Fee Ordinance, after December 15, 1981 a 25 percent increase in wastewater discharge (quantity and/or quality) above your company's previous wastewater discharges during the 1976-77 through 1981-82 fiscal years may require that your company purchase additional sewer discharge rights. For wastewater capacity increases that occur during the 1995-96 fiscal year, this connection fee charge ranges from $1,061 to $1,760 for wastewater capacity increases equivalent to that of a typical single-family home (260 gallons per day).

These Districts-obtained sample results will be used, along with your wastewater self-monitoring results, in determining your capacity usage of the sewer system and the validity of data submitted in your annual surcharge statement. Transmittal of these data to you at this time does not relieve your company of the responsibility to obtain all of the self-monitoring samples required in your Industrial Wastewater Discharge Permit.

If you have any questions about this program for furnishing industrial wastewater discharge information, please call David B. Whipple at extension 2909.

Very truly yours,

Charles W. Carry

Linda M. Shadler
Supervising Civil Engineer
Industrial Waste Section

LMS:DBW:jav
Attached SJO(s): 56188

Recycled Paper

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (310) 699-7411, FAX (310) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

January 25, 1996
File: 01-00.05-00/96-5093C

Mr. John Hunter
c/o Mr. Jim Biery
City Engineer
City of South Gate (DPW)
8650 California Ave.
South Gate, CA 90280

Dear Mr. Hunter:

Industrial Wastewater Discharge Submittal No. OR-5093

Enclosed is a permit application for the subject company which was submitted directly to the Sanitation Districts without being reviewed by your agency. Please review the enclosed material and process it as necessary. It should be returned to the Sanitation Districts for review after approval by your agency.

Very truly yours,

Charles W. Carry

For: John D. Kilgore
Supervising Civil Engineer

JDK:MDM:wh

MEMO TO: John Kilgore → Permit File

FROM: Mischelle D. Mische MM 3/7/95

DATE: September 16, 1994

INDUSTRIAL WASTE PERMIT FOLLOWUPS

Company Name: Shultz Steel Company

Sites Address: 5321 Firestone Blvd. — District No. 01

South Gate, CA 90280 — I.W. No. 5093

Mailing Address: 5321 Firestone Blvd. — Account No. acct

South Gate, CA 90280

Contact: Peter Nash

Action and Date: September 16, 1994

Discharge Status: Is Company on Enforcement No
Is a Connection Fee Owed No

Company Response	Routed Through Local Agency	Inspection/Enforcement Action	Followup Complete

Additional Requirements Requiring Followup:

Must submit:
1) water bills
2) [COD] and [SS]
3) process description
4) plans

by November 16, 1994

3-7-95: Have Received Requested Information.

Follow-Up Complete.

Permit # 5093

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (310) 699-7411, FAX: (310) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

September 16, 1994
File: 01-00.05-00/94-5093C
Acct: 1196030

Peter Nash
Shultz Steel Company
5321 Firestone Blvd.
South Gate, CA 90280

Dear Mr. Nash:

Industrial Wastewater Discharge Permit No. 5093

Shultz Steel Company
5321 Firestone Blvd.
South Gate, CA 90280

The Sanitation Districts are in the process of reviewing the permit application for industrial wastewater discharge. In order to perform a complete evaluation, the Sanitation Districts need the following information:

1) Laboratory tests from an approved Sanitation Districts lab, showing the concentrations of Chemical Oxygen Demand (COD) and Suspended Solids (SS). The samples taken must be 24 hour composite sampled.

2) A copy of the water bills from the past twelve (12) months in order to verify the proposed industrial wastewater discharge flowrate of 8560 gpd. In addition, a list of water losses and the quantity of each loss, (for instance, use 15 gallons per day per employee).

3) A detailed description of each process that generates industrial wastewater.

4) Four (4) sets of plans showing the following:
   a) Sewerage plan (location of equipment, process tanks, pretreatment system and sewer lines carrying both industrial and domestic wastewaters)
   b) Plot plan (location of facility, cross streets, surface grading, sampling point and connection to the public sewer)
   c) Plans of pretreatment facilities.
   d) If applicable, plans for diverting rainwater from sewer system, (include surface grade elevations, and details of all roofs, pipes, pumps, and sumps involved).

5) The above information must be submitted directly to Mischelle Mische of the Sanitation Districts, within sixty (60) days from the date of this letter.

Recycled Paper

If you have any questions regarding these requirements, please contact Mischelle Mische at extension 2916.

If you have any questions concerning these requirements, please contact Mischelle D. Mische of the Sanitation Districts' Industrial Waste Section at extension 2916.

Very truly yours,
Charles W. Carry

John D. Kilgore
Supervising Civil Engineer

JDK:MDM
cc: City of South Gate

#5093

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-4998
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (310) 699-7411, FAX: (310) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

April 23, 1993
File: 01-00.05-00/93-5093
Account No. 1196030

Mr. Peter Nash
Shultz Steel Company
5321 Firestone Blvd.
South Gate, CA 90280

Dear Mr. Nash:

Industrial Wastewater Discharge Permit No. 5093

On April 2, 1992, your company was sent a letter requesting the submittal of a revised permit application and Baseline Monitoring Reports (BMR) for the Aluminum Forming (40 CFR 467), Iron and Steel Manufacturing (40 CFR 420), and Nonferrous Metals Forming (40 CFR 471) Point Source Categories. On September 18, 1992, your company responded by stating the above documents would be completed within an eight-week time period. However, the Districts have not yet received the requested documents.

The revised permit application and BMRs must be submitted to the Sanitation Districts within 60 days from the date of this letter. Failure to submit the requested documents will result in the initiation of enforcement action against your company.

If you have any questions regarding this matter, please contact Linda M. Shadler of the Sanitation Districts' Industrial Waste Section at extension 2932.

Your prompt attention to this matter will be appreciated.

Very truly yours,

Charles W. Carry

Paul C. Martyn

Paul C. Martyn
Head, Industrial Waste Section

PCM:LMS:jav

1-00.05-00
IW File
5093

SHULTZ STEEL COMPANY

5321 FIRESTONE BOULEVARD
SOUTH GATE, CALIFORNIA 90280

FAX
(213) 564-4105
TELEX
67-4674

TELEPHONE
(213) 564-3281

September 18, 1992

County Sanitation Districts of Los Angeles County
Industrial Waste Section
1955 Workman Mill Road
Whittier, CA 90607-4998

Attention: Ms. Linda M. Shadler

Re: File: 01-000.05-00/92-5093
Account # 1196030

Dear Ms. Shadler:

Upon further review of our industrial waste water discharge permit requirements, following earlier correspondence, Shultz Steel is contracting with: M'Laren Hart to perform an engineering study, including preparing all the necessary documentation and reports to submit:

1. Revised permit application
2. Response to EPA Nonferrous Metals Forming Regulation, 40 CFR Part 471 1nd Baseline Monitoring Report.
3. Response to EPA Aluminumm Forming Regulation, 40 CFR Part 467 and Baseline Monitoring Report.
4. Baseline Monitoring Report for Facilities Subject to the EPA Iron & Steel Manufacturing Pretreatment Standards contained in 40 CFR Part 420.

It is anticipated to complete all the above within a six to eight week time period. If this is not acceptable please contact me immediately to discuss. To obtain more information regarding the work being completed by M'Laren Hart, please contact William M. Smiland, Shultz Steel's Corporate Secretary and Counsel, as required.

Kindest regards,

OK. 9-24-92

Peter J. Nash
Plant Engineer

PJN/eg
c.c.: William M. Smiland
Matt M'Cullough

92-6051

Martyn
23
OK

"TONS OF QUALITY"

SEP 22 1992

County Sanitation Districts | Office of Chief Engineer

MEMORANDUM

To: S. Austin / Permit File Date: 11/6/84

From: Fred F. Stewart

Subject: EPA Pretreatment Standards - Iron & Steel: Shultz Steel Co. IU# 5093

The company is not exempt from these regulations. This facility conducts iron and steel manufacturing operations. They are in compliance with the EPA regulations since all of their guench water goes to the storm drainage system.

Charles W. Carry
Chief Engineer and
General Manager

October 16, 1984

MEMO TO : F. Stewart

THROUGH : L. Rose

FROM : S. Austin SA

SUBJECT : Inspection of Companies Claiming Exemption from the Iron and Steel Manufacturing Point Source Category

The following company has claimed to be exempt from the provisions of the EPA Pretreatment Standards for the Iron and Steel Manufacturing Point Source Category (40 ~~CFR Part~~ 420):

Shultz Steel co. IW# 5093 5321 Firestone Blvd South Gate 90280

This regulation applies to "all processes, subprocesses, and alternate processes involved in the manufacture of intermediate or finished products in (SIC Nos. 3312 (except coil coating), 3315, 3316, and 3317)."

Please inspect this facility to determine what functions are performed and whether it is truly exempt from these regulations. A facility which conducts iron and steel manufacturing operations but discharges no process wastewater is in compliance with the EPA regulation, but it is not exempt. Such a facility must submit a Baseline Monitoring Report.

Received in Sample Room By: Gul

COUNTY SANITATION DIST. LOS ANGELES COUNTY ... S.C.-WO-LAB.

83 APR 13 P 2: 50

PRIORITY:

AUTHORIZED BY:

Received in Laboratory: SANITATION DIST. LOS ANGELES COUNTY ... 5-2-83 RC

83 APR 15 A 7: 44

LABORATORY JOB NUMBER: 9474

WALTER E. GARRISON
Chief Engineer and General Manager

SANITATION DISTRICTS OF LOS ANGELES COUNTY
P.O. Box 4998 Whittier, California 90607

For additional information regarding this analysis call (213) 699-7411 x 259

INDUSTRIAL WASTE MONITORING RESULTS

SAMPLE IDENTIFICATION

Surcharge Account Number:

I.W. Permit Number: 5093

Sample Source or Company Name: SHULTZ STEEL

Address: 5321 FIRESTONE SOUTH GATE

Reason For Sampling: ☐ Routine ☐ Phase I ☐ Treatment Plant Upset ☐ Sewer System Problem ☒ Other: SPECIAL

Monitoring Requested By: ROSE/ESFANDI Ext.: 273 Sample To Be Saved After Analysis? NO

Accounting Charges: ☒ For Routine Samples Taken By Inspectors: AFE-2129, WO-83300; ☐ For Routine Samples Taken By IWMC: AFE-2129, WO-625

☐ For All Special Investigation Samples: AFE-2129, WO

SAMPLE COLLECTION INFORMATION

*Sample Taken From:
- ☐ Sample Box
- ☐ Clarifier
- ☐ Cleanout
- ☒ Other: DRAIN

*Sample Type:
- ☒ Grab
- ☐ Composite-Timed With ____ minute intervals.
- ☐ Composite-Flow With ____ gallon intervals.

*Sample Grab or Composite Times:

At/or From 1400 (Hr. Min.) ☐ A.M. ☒ P.M. 12-4 (Day Month) 19 83 (Year)

To ____ (Hr. Min.) ☐ A.M. ☐ P.M. ____ (Day Month) 19 ____ (Year)

*Condition of Clarifier, Sample Box, Other Observations:

*Company Contact: Name: Title:

*Sampled By: HYNES *Submitted To Laboratory By: HYNES

*Total Quantity of Sample Collected: *Total Quantity of Composite Prepared: *Total Quantity Submitted To Lab: 1 QT

*Sample Preservation Used: NO *Sample Split With Company?: Y (N) Name:

*Flow When Sampled:

COMPOSITE SAMPLE	GRAB SAMPLE
Period of Composite: ____ hours Totalizer Readings: Final: ____ Initial: ____ Difference: ____ Multiplier: ____ Total Flow: ____ gallons	Flow Rate At Time of Sample: 5 gpm

*Obtained From: ☒ Visual Estimate, ☐ Effluent Flow Meter, ☐ Influent Water Meter, ☐ Impossible To Tell If Flow Existed When Sampled

FIELD TEST RESULTS

*pH ____ Temperature ____ *Color ____ Cyanide ____

Odor ____

Total Sulfide ____ Dissolved Sulfide ____ Other ____

LABORATORY TESTS RESULTS

Check Tests Requested (Normal Reporting Process)

Check If Results To Be Reported To Requestor ASAP.

		CONSTITUENT	RESULTS	INIT.
✓	✓	pH	7.0	AB
		SUSPENDED SOLIDS, mg/l		
		SUSPENDED SOLIDS (@ pH 7), mg/l		
		COD, mg/l O		
		TOTAL DISSOLVED SOLIDS (TDS), mg/l		
		CHLORIDE, mg/l Cl		
		SULFATE, mg/l SO_4		
		AMMONIA NITROGEN, mg/l N		
		NITRATE NITROGEN, mg/l N		
✓	✓	TOTAL IRON	0.66	ML
		SOLUBLE SULFIDE, mg/l S		
		SULFITE SULFUR, mg/l S		
		THIOSULFATE SULFUR, mg/l S		

		CONSTITUENT	RESULTS	INIT.
		TOTAL CYANIDE, mg/l CN		
		TOTAL ARSENIC, mg/l As		
		TOTAL CADMIUM, mg/l Cd		
		TOTAL CHROMIUM, mg/l Cr		
		TOTAL COPPER, mg/l Cu		
		TOTAL LEAD, mg/l Pb		
		TOTAL MERCURY, mg/l Hg		
		TOTAL NICKEL, mg/l Ni		
		TOTAL SILVER, mg/l Ag		
✓	✓	TOTAL ZINC, mg/l Zn	0.978	ML
✓	✓	SOL IRON	0.22	ML
		TOTAL PHENOLS, mg/l C_6H_5OH		
		OIL AND GREASE, mg/l		

DISTRIBUTION: Copies of this side of sheet to: Laboratory Files, Surcharge Files, Original of this sheet to Requestor then to Permit File.

*All Information to be Filled in by Field Collection Personnel.

#5093

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-4998
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (213) 699-7411, (213) 685-5217
Fax: (213) 695-6139

CHARLES W. CARRY
Chief Engineer and General Manager

April 2, 1992
File: 01-000.05-00/92-5093
Account No. 1196030

Mr. Manuel Martinez
Shultz Steel Company
5321 Firestone Boulevard
South Gate, CA 90280

Dear Mr. Martinez:

Industrial Wastewater Discharge Permit No. 5093

On January 5, 1977 your company was issued Industrial Wastewater Discharge Permit No. 5093 for the discharge of 4,500 gallons per day of wastewater generated from steel forging operations. A recent inspection of your facility indicates that your company is now discharging wastewater generated from aluminum, titanium and stainless steel forging. These operations are subject to the Environmental Protection Agency's (EPA) categorical regulations for Aluminum Forming (40 CFR 467), Non-ferrous Forming (40 CFR 471) and possibly Iron and Steel Manufacturing (40 CFR 420).

In order to determine compliance with the EPA's regulations, your company must complete the enclosed Baseline Monitoring Report forms for Aluminum Forming, Non-Ferrous Forming and Iron and Steel Manufacturing. These forms must be completed and submitted to the Sanitation Districts within 30 days from the date of this letter.

Additionally, your company must also submit an application for a revised permit to reflect the actual wastewater-producing operations at your facility. Please complete the enclosed application (in accordance with the enclosed instruction booklet) and submit it and four sets of plans and supporting information to:

City of South Gate
8650 California Avenue
South Gate, CA 90280
Attn: Raymond Pang

for initial processing prior to Districts' review.

If you have any questions regarding these matters, please contact Linda M. Shadler of the Sanitation Districts' Industrial Waste Section at extension 2932.

Very truly yours,

Charles W. Carry

John D. Kilgore

John D. Kilgore
Supervising Civil Engineer

JDK:LMS:jav
cc: City of South Gate

bc: Garrett/Hoekstra

LACSD USE ONLY

LAB REPORT	SIGNATURE
Y ☑ N ☐	Y ☑ N ☐
DATE RECEIVED	INITIALS
1-19-99	CH

SANITATION DISTRICTS OF LOS ANGELES COUNTY
Charles W. Carry, Chief Engineer & General Manager
For information please call (562) 699-7411 ext. 2510

INDUSTRIAL WASTEWATER SELF MONITORING REPORT

Report due no later than **01/15/99**

PERMIT NO. 005093

SURCHARGE ACCOUNT NO. 1196030

1. Name of Company Having Wastewater Discharge: SHULTZ STEEL CO
2. Has the Ownership or Occupancy Changed Since the Last Report? Yes ☐ No ☒
3. Address of Wastewater Discharge: 5321 E FIRESTONE BLVD SOUTH GATE CA 90280
4. Name of Industrial Wastewater Contact: MR. PETER NASH
5. Phone No.: 213 564-3281
6. Mailing Address (If Different From Above): 5321 E FIRESTONE BLVD SOUTH GATE CA 9028
7. Sic No.(s): 3310
8. Reporting Period: From 07/01/98 To 12/31/98
9. (Print) Name of Company Collecting Wastewater Sample: DEL MAR ANALYTICAL
10. (Print) Sample Date: 11/30-12/1 98
11. (Print) Sample Location(s): 5321 FIRESTONE - FRONT ALLEY
12. Daily Wastewater Discharge For Reporting Period (Gal.): Average: 8,560 (EST) Maximum: 20 (EST)
13. Method For Determining Wastewater Flow For Sampling Day (201, 202): ☐ Direct Measurement ☑ Calculated ☐ Adjusted Metered Water Supply ☐ No Discharge During Reporting Period (SEE ATTACHED)
14. Type of Composite Sample: ☒ Time Composite ☐ Flow Proportioned Composite

15. NOTE: PURSUANT TO 40 C.F.R. SECTION 403.12(E)(1)-(3) AND 403.12(G), YOU MUST INCLUDE IN THIS SELF-MONITORING REPORT A REASONABLE MEASURE OF YOUR LONG-TERM DAILY PRODUCTION RATE AND YOUR ACTUAL AVERAGE PRODUCTION RATE FOR THIS REPORTING PERIOD. THE LONG-TERM DAILY PRODUCTION RATE SHALL BE REPORTED AS THE AVERAGE DAILY PRODUCTION RATE FOR THE MOST RECENT CALENDAR YEAR. PLEASE USE THE ATTACHED FORM, SECTION "G", TO PROVIDE THESE DATA.

CODE	PARAMETER (1)	SAMPLING METHOD	TEST RESULTS (2)	LAB ID CODE (3)
201	WASTEWATER FLOW, TOTAL(GPD)		8,560	
202	WASTEWATER FLOW,PEAK(GPM)		20	
101	PH (UNITS)	GRAB	8.2	10117
151	SUSPENDED SOLIDS (MG/L)	COMPOSITE	96	10117
206	TOTAL CYANIDE (MG/L)	GRAB	<0.025	10117
252	SOLUBLE SULFIDE (MG/L)	GRAB	<0.10	10117
403	TOTAL COD (MG/L)	COMPOSITE	134	10117
408	OIL & GREASE (MG/L)	GRAB	160	10117
705	ARSENIC, TOTAL (MG/L)	COMPOSITE	<.0050	10117
708	CADMIUM, TOTAL (MG/L)	COMPOSITE	<.0050	10117
709	CHROMIUM, TOTAL (MG/L)	COMPOSITE	0.028	10117
712	COPPER, TOTAL (MG/L)	COMPOSITE	0.095	10117
714	LEAD, TOTAL (MG/L)	COMPOSITE	<0.0050	10117
717	MERCURY, TOTAL (MG/L)	COMPOSITE	<0.00020	10117
718	NICKEL, TOTAL (MG/L)	COMPOSITE	0.050	10117
722	SILVER, TOTAL (MG/L)	COMPOSITE	<0.010	10117
724	ZINC, TOTAL (MG/L)	COMPOSITE	0.17	10117

(1) Report the test results from the most recent sample collected within the reporting period and include all laboratory test sheets with the self-monitoring report form.
(2) Test results are valid only if the correct sampling method is observed and the laboratory analysis is performed by a State or Sanitation Districts' approved laboratory.
(3) Indicate the appropriate laboratory certification I.D. Code for each testing parameter.

CERTIFICATION BY PERMITEE

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of responsible company official: [signature] Date: 1/15/99

Print name of official: PETER NASH Title: PLANT ENGINEER

Please submit this report to: Sanitation Districts of Los Angeles County, Industrial Waste Section, P.O. Box 4998, Whittier, CA 90607

TABLE 1 INDUSTRIAL WASTE WATER FLOWS[1] SHULTZ STEEL COMPANY 5321 EAST FIRESTONE BOULEVARD SOUTH GATE, CALIFORNIA 90280			
OPERATION	FLOW MEASUREMENT METHOD	MONTHLY WATER USAGE (GALLONS)	ESTIMATE OF INDUSTRIAL SEWER DISCHARGE (GALLONS)
Cooling Tower	Direct Measurement	225,000	75,000
Quenching – Ring Quench	Direct Measurement	130,000	110,000
Quenching – Other Quench	Estimated	30,000	25,000
Press Die Cooling	Direct Measurement	6,000	4,000
Furnace Seals	Estimated	4,000	0
Irrigation	Estimated	245,000	0
Office			
Plant Showers, Restrooms, Etc.			
Total Monthly		640,000	214,000
Daily Flow Rate (25 Work Days)	**Calculated**	**8560 GPD**	
Peak Flow Rate	**Estimated**	**20 GPM**	

[1]All data was provided by Shultz Steel Company

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

Matt McCullough	Client Project ID: Shultz Steel	Sampled:	Dec 1, 1998
3567 Belvedere Circle		Received:	Dec 1, 1998
Corona, CA 91720	Analysis Method: EPA 413.2 (I.R.)	Extracted:	Dec 2, 1998
Attention: Matt McCullough	First Sample #: HL00048	Analyzed:	Dec 2, 1998
	QC Batch: HL02IG1W	Reported:	Dec 11, 1998

TOTAL RECOVERABLE OIL & GREASE (EPA 413.2)

Laboratory Number	Sample Description Water	Sample Result mg/L (ppm)	Reporting Limit mg/L (ppm)	Dilution Factor
HL00048	Grab #1	160	1.0	1.0

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261-1022 FAX (949) 261-1228
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9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

Matt McCullough	Client Project ID: Shultz Steel	Sampled:	Dec 1, 1998
3567 Belvedere Circle		Received:	Dec 1, 1998
Corona, CA 91720	Sample Descript: Water	Extracted:	Dec 1, 1998
Attention: Matt McCullough	First Sample #: HL00048	Analyzed:	Dec 1, 1998
	QC Batch: HL01PH1W	Reported:	Dec 11, 1998

pH (EPA 150.1)

Laboratory Number	Sample Description	Reporting Limit pH units	Sample Result pH units
HL00048	Grab #1	N.A.	8.2

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical

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9836 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Client Project ID: Shultz Steel

Sample Descript: Water, Composite
Lab Number: HL00047

Sampled: 11/30-12/1, 1998
Received: Dec 1, 1998
Extracted: Dec 2-3, 1998
Analyzed: Dec 2-4, 1998
Reported: Dec 11, 1998

LABORATORY ANALYSIS

Analyte	Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Arsenic	EPA 6010	0.0050	N.D.
Cadmium	EPA 6010	0.0050	N.D.
Chromium	EPA 6010	0.0050	0.028
Copper	EPA 6010	0.010	0.095
Lead	EPA 6010	0.0050	N.D.
Mercury	EPA 7470	0.00020	N.D.
Nickel	EPA 6010	0.010	0.050
Silver	EPA 6010	0.010	N.D.
Zinc	EPA 6010	0.020	0.17

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Client Project ID: Shultz Steel

Sample Descript: Water, Composite
Lab Number: HL00047

Sampled: 11/30-12/1, 1998
Received: Dec 1, 1998
Extracted: Dec 3-9, 1998
Analyzed: Dec 3-10, 1998
Reported: Dec 11, 1998

LABORATORY ANALYSIS

Analyte	Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Chemical Oxygen Demand	EPA 410.4	20	93
Total Suspended Solids	EPA 160.2	10	98

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Client Project ID: Shultz Steel

Sample Descript: Water, Grab #1
Lab Number: HL00048

Sampled: Dec 1, 1998
Received: Dec 1, 1998
Extracted: Dec 7-10, 1998
Analyzed: Dec 7-10, 1998
Reported: Dec 11, 1998

LABORATORY ANALYSIS

Analyte	Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Dissolved Sulfide	SM 4500-S-B,C,D	0.10	N.D.
Total Cyanide	SM 4500-CN-C,E	0.025	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Client Project ID: Shultz Steel

Sample Descript: Water, Grab #2
Lab Number: HL00049
QC Batch: HL09CD1W

Sampled: Dec 1, 1998
Received: Dec 1, 1998
Extracted: Dec 9, 1998
Analyzed: Dec 10, 1998
Reported: Dec 11, 1998

LABORATORY ANALYSIS

Analyte	Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Chemical Oxygen Demand	EPA 410.4	20	49

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Method Blank

QC Batch: HL02IG1W

Extracted: Dec 2, 1998
Analyzed: Dec 2, 1998
Reported: Dec 11, 1998

TOTAL RECOVERABLE OIL & GREASE (EPA 413.2)

Laboratory Description	Sample Result mg/L (ppm)	Reporting Limit mg/L (ppm)	Dilution Factor
Method Blank	N.D.	1.0	1.0

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and/or other factors.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Method Blank

Extracted: Dec 2-3, 1998
Analyzed: Dec 2-3, 1998
Reported: Dec 11, 1998

LABORATORY ANALYSIS

Analyte	EPA Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Arsenic	EPA 6010	0.0050	N.D.
Cadmium	EPA 6010	0.0050	N.D.
Chromium	EPA 6010	0.0050	N.D.
Copper	EPA 6010	0.010	N.D.
Lead	EPA 6010	0.0050	N.D.
Mercury	EPA 7470	0.00020	N.D.
Nickel	EPA 6010	0.010	N.D.
Silver	EPA 6010	0.010	N.D.
Zinc	EPA 6010	0.020	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Method Blank

Extracted: Dec 3-10, 1998
Analyzed: Dec 3-10, 1998
Reported: Dec 11, 1998

LABORATORY ANALYSIS

Analyte	EPA Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Chemical Oxygen Demand	EPA 410.4	20	N.D.
Dissolved Sulfide	SM 4500-S-B,C,D	0.10	N.D.
Total Cyanide	SM 4500-CN-C,E	0.025	N.D.
Total Suspended Solids	EPA 160.2	10	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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MS/MSD DATA REPORT

EPA METHOD: 413.2
Matrix: Water

Date Analyzed: 12/2/98

Sample: LCS/LCSD *

Batch: HL02IG1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	µpm	%	%	%	%	RPD	MPR
Hydrocarbons	0	5.0	6.1	6.1	122%	122%	0.0%	122%	15	100-140

* LCS/LCSD performed in lieu of MS/MSD due to insufficient amount of sample provided.

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

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MS/MSD DATA REPORT

METHOD: METALS
Instrument: ICP
Matrix: Water

Date Analyzed: 12/3/98

Sample: HL00278

Batch: HL03ME2W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	RPD	MPR
Aluminum **	1.30	1.0	3.71	3.50	241%	220%	5.8%	231%	20	80-120
Arsenic	0.0	1.0	1.00	0.978	100%	98%	2.5%	99%	20	80-120
Cadmium	0.0	1.0	0.890	0.868	89%	87%	2.5%	88%	20	80-120
Calcium *	26.0	5.0	30.5	29.2	91%	64%	4.5%	77%	20	80-120
Chromium	0.0	1.0	0.931	0.906	93%	91%	2.7%	92%	20	80-120
Copper	0	1.0	0.978	0.949	96%	94%	3.0%	95%	20	80-120
Lead	0	1.0	0.91	0.89	91%	89%	2.5%	90%	20	80-120
Magnesium	5.06	5.0	9.81	9.45	95%	88%	3.8%	92%	20	80-120
Nickel	0.0	1.0	0.910	0.840	91%	84%	8.0%	88%	20	80-120
Potassium	16.2	10	25.0	24.3	88%	81%	2.8%	85%	20	80-120
Silver	0.0	0.5	0.466	0.463	93%	93%	0.65%	93%	20	80-120
Sodium *	51.4	5.0	55.5	53.0	82%	32%	4.6%	57%	20	80-120
Zinc	0.617	1.0	1.52	1.48	90%	86%	2.7%	88%	20	80-120

* Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See LCS for batch validation.

** The MS/MSD recoveries and/or RPD were outside of acceptance limits due to sample matrix effects. See LCS for batch validation.

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis

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MS/MSD DATA REPORT

EPA METHOD: 7470
Matrix: Water

Date Analyzed: 12/2/98

Sample: HK03870

Batch: HL02HG2W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	RPD	MPR
Mercury	0	0.0080	0.0079	0.0085	99%	106%	6.7%	103%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis

Sp..... Spike Concentration Added to Sample

MS..... Matrix Spike Result

MSD..... Matrix Spike Duplicate Result

PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100

PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100

RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100

Acceptance Limits.... Statistically determined on an annual basis.

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MS/MSD DATA REPORT

EPA METHOD: 410.4
Matrix: Water

Date Analyzed: 12/10/98

Sample: HL00299

Batch: HL09CD1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
Chemical Oxygen Demand	0	500	560	520	112%	104%	7.4%	108%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

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MS/MSD DATA REPORT

METHOD: SM4500-S-B,C,D
Matrix: Water

Date Analyzed: 12/7/98

Sample: HL00048

Batch: HL07SD1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
Dissolved Sulfide	0	0.291	0.343	0.343	118%	118%	0.0%	118%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

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MS/MSD DATA REPORT

METHOD: SM4500-CN-C,E
Matrix: Water

Date Analyzed: 12/10/98

Sample: HL00630

Batch: HL10CN1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
Total Cyanide	0	0.10	0.099	0.104	99%	104%	4.9%	102%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

DEL MAR ANALYTICAL

Del Mar Analytical

003837

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: MMC (Matt McCullough) Shultz Steel 5321 Firestone Blvd Southgate CA

Project/PO Number: Shultz Steel

Project Manager: ~~Tim Burns~~ Matt McCullough

Phone Number: 213-357-3305

Sampler: MINH NGUYEN

Fax Number: 909-739-9594

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Total Suspended Solids	COD	Zn, Ag, Ni, Hg, Pb, Cu, Cr, Cd, As	pH	CN	Diss Sulfide	Oil & Grease			Special Instructions
Composite	H_2O	1L Poly, 500 ml Poly, 1L Amber	3	11/30 12/1	H_2SO_4 HNO_3	X	X	X							
GRAB #1	H_2O	1L Poly, 1L Amber	4	12/1	$NaOH$ HCL				X	X	X	X			
GRAB #2	H_2O	1L Amber	1	12/1	H_2SO_4		X								
															2 hrs

Relinquished By:	Date/Time:	Received by:	Date/Time:	Turnaround Time: (Check)
[signature]	12/1/98 0945	[signature]	12/1/98 0945	same day ____ 72 hours ____
[signature]	12/1/98 1120			24 hours ____ 5 days ____
				48 hours ____ normal X
Relinquished By:	Date/Time:	Received in Lab by: [signature]	Date/Time: 12/1/98 1120	Sample Integrity: (Check) intact ✓ on ice ✓

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

COC-GB

LACSD USE ONLY

LAB REPORT	SIGNATURE
Y ☑ N ☐	Y ☑ N ☐
DATE RECEIVED	INITIALS
11-19-98	CH

SANITATION DISTRICTS OF LOS ANGELES COUNTY
Charles W. Carry, Chief Engineer & General Manager
For information please call (562) 699-7411 ext. 2800

INDUSTRIAL WASTEWATER SELF MONITORING REPORT

Report due no later than **07/15/98**

PERMIT NO: 005093
SURCHARGE ACCOUNT NO: 1196030

1. Name of Company Having Wastewater Discharge: SHULTZ STEEL CO
2. Has the Ownership or Occupancy Changed Since the Last Report? ☐ Yes ☒ No
3. Address of Wastewater Discharge: 5321 E FIRESTONE BLVD SOUTH GATE CA 90280
4. Name of Industrial Wastewater Contact: MR. PETER NASH
5. Phone No: (213) 564-3281
6. Mailing Address (If Different From Above): 5321 E FIRESTONE BLVD SOUTH GATE CA 9028
7. Sic No is: 3310
8. Reporting Period: From 01/01/98 To 06/30/98
9. (Print) Name of Company Collecting Wastewater Sample:
10. (Print) Sample Date: 9/24/98
11. (Print) Sample Location(s):
12. Daily Wastewater Discharge For Reporting Period (Gal.): Average ____ Maximum ____
13. Method For Determining Wastewater Flow For Sampling Day (Z01, Z02): ☐ Direct Measurement ☐ Adjusted Metered Water Supply ☐ No Discharge During Reporting Period
14. Type of Composite Sample: ☐ Time Composite ☐ Flow Proportioned Composite

15. NOTE: PURSUANT TO 40 C.F.R. SECTION 403.12(E)(1)-(3) AND 403.12(G), YOU MUST INCLUDE IN THIS SELF-MONITORING REPORT A REASONABLE MEASURE OF YOUR LONG-TERM DAILY PRODUCTION RATE AND YOUR ACTUAL AVERAGE PRODUCTION RATE FOR THIS REPORTING PERIOD. THE LONG-TERM DAILY PRODUCTION RATE SHALL BE REPORTED AS THE AVERAGE DAILY PRODUCTION RATE FOR THE MOST RECENT CALENDAR YEAR. PLEASE USE THE ATTACHED FORM, SECTION "C", TO PROVIDE THESE DATA.

CODE	PARAMETER (1)	SAMPLING METHOD	TEST RESULTS (2)	LAB ID CODE (3)
Z01	WASTEWATER FLOW, TOTAL(GPD)		No. F.M. 5,000 (est)	10117
Z02	WASTEWATER FLOW,PEAK(GPM)		No F.M.	
101	PH (UNITS)	GRAB	8.4	
151	SUSPENDED SOLIDS (MG/L)	COMPOSITE	110	
206	TOTAL CYANIDE (MG/L)	GRAB	N.D.<.025	
252	SOLUBLE SULFIDE (MG/L)	GRAB	N.D.<.1	
403	TOTAL COD (MG/L)	COMPOSITE	230*	
408	OIL & GREASE (MG/L)	GRAB	13	
705	ARSENIC, TOTAL (MG/L)	COMPOSITE	N.D.<.005	
708	CADMIUM, TOTAL (MG/L)	COMPOSITE	N.D.<.005	
709	CHROMIUM, TOTAL (MG/L)	COMPOSITE	N.D.<.005	
712	COPPER, TOTAL (MG/L)	COMPOSITE	0.061	
714	LEAD, TOTAL (MG/L)	COMPOSITE	N.D.<.005	
717	MERCURY, TOTAL (MG/L)	COMPOSITE	N.D.<.0002	
718	NICKEL, TOTAL (MG/L)	COMPOSITE	N.D.<.01	
722	SILVER, TOTAL (MG/L)	COMPOSITE	N.D.<.01	
724	ZINC, TOTAL (MG/L)	COMPOSITE	0.17*	10117

* STREAM IS A MIXED SANITARY/INDUSTRIAL STREAM

(1) Report the test results from the most recent sample collected within the reporting period and include all laboratory test sheets with the self monitoring report form.
(2) Test results are valid only if the correct sampling method is observed and the laboratory analysis is performed by a State or Sanitation Districts' approved laboratory.
(3) Indicate the appropriate laboratory certification I.D. Code for each testing parameter.

CERTIFICATION BY PERMITEE

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of responsible company official: ____ Date: 11/18/98

Print name of official: PETER NASH Title: PLANT ENGINEER

Please submit this report to: Sanitation Districts of Los Angeles County, Industrial Waste Section, PO Box 4998, Whittier, CA 90607

Del Mar Analytical

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2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

Matt McCullough 3567 Belvedere Circle Corona, CA 91720 Attention: Matt McCullough	Client Project ID: Shultz Steel Company Sample Descript: Water, Composite Lab Number: HI03258	Sampled: Sep 24, 1998 Received: Sep 24, 1998 Extracted: Sep 28-29, 1998 Analyzed: Sep 28-29, 1998 Reported: Oct 9, 1998

LABORATORY ANALYSIS

Analyte	Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Arsenic	EPA 6010	0.0050	N.D.
Cadmium	EPA 6010	0.0050	N.D.
Chemical Oxygen Demand	**EPA 410.4**	**20**	**230**
Chromium	EPA 6010	0.0050	N.D.
Copper	**EPA 6010**	**0.010**	**0.061**
Lead	EPA 6010	0.0050	N.D.
Mercury	EPA 7470	0.00020	N.D.
Nickel	EPA 6010	0.010	N.D.
Silver	EPA 6010	0.010	N.D.
Total Suspended Solids	**EPA 160.2**	**10**	**110**
Zinc	**EPA 6010**	**0.020**	**0.17**

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1336

Matt McCullough 3567 Belvedere Circle Corona, CA 91720 Attention: Matt McCullough	Client Project ID: Shultz Steel Company Analysis Method: EPA 413.2 (I.R.) First Sample #: HI03259 QC Batch: HJ02IG1W	Sampled: Sep 24, 1998 Received: Sep 24, 1998 Extracted: Oct 2, 1998 Analyzed: Oct 2, 1998 Reported: Oct 9, 1998

TOTAL RECOVERABLE OIL & GREASE (EPA 413.2)

Laboratory Number	Sample Description Water	Sample Result mg/L (ppm)	Reporting Limit mg/L (ppm)	Dilution Factor
HI03259	Grab #1	13	1.0	1.0

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

Matt McCullough 3567 Belvedere Circle Corona, CA 91720 Attention: Matt McCullough	Client Project ID: Shultz Steel Company Sample Descript: Water, Grab #1 Lab Number: HI03259	Sampled: Sep 24, 1998 Received: Sep 24, 1998 Extracted: Sep 24-25, 1998 Analyzed: Sep 24-25, 1998 Reported: Oct 9, 1998

LABORATORY ANALYSIS

Analyte	Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Total Cyanide	SM 4500-CN-C,E	0.025	N.D.
pH (pH Units)	EPA 150.1	N.A.	8.4
Dissolved Sulfide	SM 4500-S-B,C,D	0.10	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Method Blank

Extracted: Sep 28, 1998
Analyzed: Sep 28, 1998
Reported: Oct 9, 1998

LABORATORY ANALYSIS

Analyte	EPA Method	Reporting Limit mg/L (ppm)	Sample Result mg/L (ppm)
Arsenic	EPA 6010	0.0050	N.D.
Cadmium	EPA 6010	0.0050	N.D.
Chromium	EPA 6010	0.0050	N.D.
Copper	EPA 6010	0.010	N.D.
Lead	EPA 6010	0.0050	N.D.
Mercury	EPA 7470	0.00020	N.D.
Nickel	EPA 6010	0.010	N.D.
Silver	EPA 6010	0.010	N.D.
Zinc	EPA 6010	0.020	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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Matt McCullough
3567 Belvedere Circle
Corona, CA 91720
Attention: Matt McCullough

Method Blank

QC Batch: HJ02IG1W

Extracted: Oct 2, 1998
Analyzed: Oct 2, 1998
Reported: Oct 9, 1998

TOTAL RECOVERABLE OIL & GREASE (EPA 413.2)

Laboratory Description	Sample Result mg/L (ppm)	Reporting Limit mg/L (ppm)	Dilution Factor
Method Blank	N.D.	1.0	1.0

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and/or other factors.

DEL MAR ANALYTICAL (ELAP #1197)

Patty Mata
Project Manager

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MS/MSD DATA REPORT

EPA METHOD: 413.2
Matrix: Water

Date Analyzed: 10/2/98

Sample: Blank

Batch: HJ02IG1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
Hydrocarbons	0	5.0	4.6	4.5	92%	90%	2.2%	91%	15	85-115

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

DEL MAR ANALYTICAL

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MS/MSD DATA REPORT

METHOD: METALS
Instrument: ICP
Matrix: Water

Date Analyzed: 9/28/98

Sample: HI02436

Batch: HI28ME1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	RPD	MPR
Arsenic	0.019	1.0	0.935	1.01	92%	99%	7.8%	95%	20	80-120
Cadmium	0	1.0	0.811	0.976	81%	98%	19%	89%	20	80-120
Chromium	0.191	1.0	1.06	0.972	87%	78%	9.0%	83%	20	80-120
Copper	0.040	1.0	0.893	0.959	85%	92%	7.2%	89%	20	80-120
Lead	0.017	1.0	0.811	0.969	79%	95%	18%	87%	20	80-120
Nickel *	0.193	1.0	0.965	0.965	77%	77%	0.0%	77%	20	80-120
Silver	0	0.50	0.476	0.484	95%	97%	1.7%	96%	20	80-120
Zinc	0.189	1.0	1.01	0.958	82%	77%	5.3%	80%	20	80-120

* The MS/MSD recoveries and/or RPD were outside of acceptance limits due to sample matrix effects.
See LCS for batch validation.

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

DEL MAR ANALYTICAL

Del Mar Analytical

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2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

LCS DATA REPORT

METHOD: METALS
Instrument: ICP

Date: 9/28/98

Batch: HI28ME1W

Analyte	St	R1	PR	Acceptance Limits
	mg/L	mg/L	%	%
Nickel	1.0	0.927	93%	80-120

Definition of Terms:

St..... ..... Concentration of standard added to blank.

R1..... ..... Standard Result

PR..... ..... Percent Recovery of R1; (R1 / St) X 100

Acceptance Limits.... Statistically determined on an annual basis.

DEL MAR ANALYTICAL

Del Mar Analytical

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MS/MSD DATA REPORT

EPA METHOD: 7470
Matrix: Water

Date Analyzed: 9/28/98

Sample: HI03104

Batch: HI28HG1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	RPD	MPR
Mercury	0	0.0080	0.0075	0.0075	94%	94%	0.13%	94%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis

Sp..... Spike Concentration Added to Sample

MS..... Matrix Spike Result

MSD..... Matrix Spike Duplicate Result

PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100

PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100

RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100

Acceptance Limits.... Statistically determined on an annual basis.

Del Mar Analytical

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MS/MSD DATA REPORT

EPA METHOD: 410.4
Matrix: Water

Date Analyzed: 9/29/98

Sample: HI02907

Batch: HI29CD1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
Chemical Oxygen Demand	81	100	160	165	79%	84%	3.1%	82%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

DEL MAR ANALYTICAL

Del Mar Analytical

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MS/MSD DATA REPORT

METHOD: SM4500-CN-C,E
Matrix: Water

Date Analyzed: 9/25/98

Sample: HI03255

Batch: HI25CN1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
Total Cyanide	0	0.10	0.095	0.096	95%	96%	1.0%	96%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

DEL MAR ANALYTICAL

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MS/MSD DATA REPORT

METHOD: SM4500-S-B,C,D
Matrix: Water

Date Analyzed: 9/26/98

Sample: HI03259

Batch: HI24SD1W

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
Dissolved Sulfide	0	0.30	0.312	0.303	104%	101%	1.1%	103%	20	80-120

Definition of Terms:

R1..... Result of Sample Analysis
Sp..... Spike Concentration Added to Sample
MS..... Matrix Spike Result
MSD..... Matrix Spike Duplicate Result
PR1..... Percent Recovery of MS: ((MS-R1) / SP) X 100
PR2..... Percent Recovery of MSD: ((MSD-R1) / SP) X 100
RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
Acceptance Limits..... Statistically determined on an annual basis.

DEL MAR ANALYTICAL

Del Mar Analytical

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84 Chesapeake Dr., Suite 800, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689

17384

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: Matt McCullough ~~Shultz Steel~~ ~~5321 Firestone Blvd~~ ~~Southgate, CA~~

Project/PO Number: Shultz Steel 5321 Firestone Blvd. Southgate CA

Project Manager: Matt McCullough ~~Tim Burns~~

Phone Number: (213) 357-3305

Sampler: MINH NGUYEN

Fax Number:

Analysis Required

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives	Composite Solids TSS	COD	Zn, Ag, Ni, Hg, Pb, Cu, Cr, Cd, As	pH	Cyanide	Soluable Sulfide	Oil Grease			Special Instructions
Composite	H_2O	Various	2	9/23,24/98	H_2SO_4 HNO_3	X	X	X							
GRAB #1	H_2O	↓	1	9/24/98	HCl MeOH				X	X	X	X			
GRAB #2 (*)	H_2O	Brine	1	9/24/98	H_2SO_4		X								(* Hold until Further notice)
															2 1/2 hrs

Relinquished By:	Date/Time:	Received by:	Date/Time:	Turnaround Time: (Check)
[signature]	9/24/98 1100	[signature]	9/24/98 1100	same day ___ 72 hours ___
[signature]	9/24/98 1220	Received by:	Date/Time:	24 hours ___ 5 days ___
				48 hours ___ normal X
Relinquished By:	Date/Time:	Received in Lab by: [signature]	Date/Time: 9/24/98 RDD	Sample Integrity: (Check) intact X on ice ✓

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422

CHARLES W. CARRY
Chief Engineer and General Manager

August 11, 1998

File: 01-00.05-00/1998-5093

Mr. Peter Nash
Shultz Steel Co
5321 E Firestone Blvd
South Gate Ca 90280

Dear Mr. Nash:

NOTICE OF DELINQUENCY: OVERDUE SELF-MONITORING REPORT

According to the Districts' records, the Self-Monitoring Report due from you on 07/15/1998 for the period 01/01/1998 to 06/30/1998 has not been received. Please submit the Report for this period, as required by your Industrial Wastewater Discharge Permit No. 5093, as soon as possible but no later than 30 days from the date of this letter to avoid enforcement action.

Your Self-Monitoring Reports are due semiannually on or before July 15 and January 15.

If you have any questions concerning this notice, please call Cynthia Black of the Sanitation Districts' Industrial Waste Section at extension 2927.

Very truly yours,
Charles W. Carry

John D. Kilgore

John D. Kilgore
Supervising Civil Engineer

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COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422

CHARLES W. CARRY
Chief Engineer and General Manager

February 09, 1998

File: 01-00.05-00/1998-5093

Mr. Peter Nash
Shultz Steel Co
5321 E Firestone Blvd
South Gate Ca 90280

Dear Mr. Nash:

NOTICE OF DELINQUENCY: OVERDUE SELF-MONITORING REPORT

According to the Districts' records, the Self-Monitoring Report due from you on 01/15/1998 for the period 07/01/1997 to 12/31/1997 has not been received. Please submit the Report for this period, as required by your Industrial Wastewater Discharge Permit No. 5093, as soon as possible but no later than 30 days from the date of this letter to avoid enforcement action.

Your Self-Monitoring Reports are due semiannually on or before July 15 and January 15.

If you have any questions concerning this notice, please call Cynthia Black of the Sanitation Districts' Industrial Waste Section at extension 2927.

Very truly yours,
Charles W. Carry

John D. Kilgore

John D. Kilgore
Supervising Civil Engineer

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Laboratory Technical Data System 10/21/1999
SJC WQL Test Results Page 1

Sample No: SJ11027 Sample Location: 3-IW05-093

Requestor: MARTYN Completion Date: 10/19/99

Charge No: TS14905BI00 Approved By: EG Sample Type: IWS

Grab Date and Time: 09/29/99 11:^0

Sample Description:
SHULTZ STEEL COMPANY, 5321 FIRESTONE BL., S.GATE 90280 (SBX)

No.	Test	Description		Result	Unit of Measure		Footnote
1.	708	CADMIUM	<	0.02	MG/L	CD	35
2.	709	TOTAL CHROMIUM	<	0.05	MG/L	CR	35
3.	712	COPPER	<	0.05	MG/L	CU	35
4.	714	LEAD	<	0.2	MG/L	PB	35
5.	718	NICKEL	<	0.2	MG/L	NI	35
6.	724	ZINC		0.33	MG/L	ZN	35
7.	905	FIELD PH		7.0	PH		--

Footnotes: 35 - DUPLICATE SPIKE

Received in Sample Room By: KS 9/30/99

Time Received in Laboratory:

LABORATORY JOB NUMBER: 11027

PRIORITY:
- ☐ Routine (0)
- ☒ Rush, 1 day (R)
- ☐ Expedite, 1 hr. (X)
- ☐ Upset, 1 wk. (U)

PRIORITY AUTHORIZATION _____ Ext. _____

CHARLES W. CARRY
Chief Engineer and General Manager

SANITATION DISTRICTS OF LOS ANGELES COUNTY
P.O. Box 4998 Whittier, California 90607

For additional information regarding this analysis call (562) 699-7411 x 2900

INDUSTRIAL WASTE MONITORING RESULTS

SAMPLE IDENTIFICATION

Surcharge Account Number: 1196030

I.W. Permit Number: 5093

Sample Source or Company Name: SHULTZ STEEL COMPANY

Address: 5321 FIRESTONE BLVD, SOUTH GATE 90280

Reason For Sampling: ☒ Routine ☐ Phase 1 ☐ Treatment Plant Upset ☐ Sewer System Problem ☐ Other:

Monitoring Requested By: Marlyn/Burch Jenkins

Accounting Charges: ☒ For Routine Samples Taken By Inspectors: TS14905 BI ☐ For Routine Samples Taken By IWMC: TS14905 BM

☐ For All Special Investigation Samples: TS14905 B

SAMPLE COLLECTION INFORMATION:

* Sample Point:
- ☒ Sample Box
- ☐ Manhole
- ☐ Valve
- ☐ Clean-out
- ☐ Clarifier
- ☐ _____
- ☐ CN Sample Point
- ☐ _____

* Sample Method:
- ☒ Grab
- ☐ Composite-Timed With _____ minute intervals
- ☐ Composite-Flow With _____ x _____ gallons

Test aliquot volume _____ / _____ mL

Tot aliquot _____

* Sample Date:

At/or From 1130 HR. MIN. ☒ A.M. ☐ P.M. 9/29 MONTH DAY 19 99 YEAR

To _____ ☐ A.M. ☐ P.M. _____ 19 ____

* Observations:

* Sampled By: Jenkins * Submitted to Laboratory By: Jenkins * Contact Name: Peter Dpsit Title: pt comp

* Total Quantity of Sample Collected: 1L * Sample Container(s) Used: ☒ Cit. Other:

* Quantity Submitted to Lab: 1L

* Sample Preservation Used: ☒ Ice ☒ No Cl_2 ☐ Sodium Thiosulfate ☐ NaOH ☒ HNO_3 Other:

Flow When Sampled: Smp to pH<2

Sample given to company: Y (N) (Refused)

Sample given to: ☐ Contact ☐ Other _____

Sample: ☐ Split ☐ Concurrent ☐ Consecutive

COMPOSITE SAMPLE	GRAB SAMPLE
Period of Composite: _____ hours	Flow Rate at Time of Sample:
Totalizer Readings: Final:	(905)pH 7 sfu ∅ gpm
Initial:	(905)pH _____ pfu _____ gpm
Difference:	
Multiplier:	
Total Flow: _____ gallons	

* Obtained From: ☒ Visual Estimate ☐ Effluent Flow Meter ☐ Influent Water Meter ☐ Impossible To Tell If Flow Existed When Sampled

FIELD TEST RESULTS

* pH (905) 7 * Color CLEAR * Temperature _____ * Cyanide _____

* Odor _____

* Total Sulfide Hach = 20.1 ppm * Dissolved Sulfide _____ * Other _____

LABORATORY TESTS NOTES TO ANALYSTS:

	CONSTITUENT	CODE		CONSTITUENT	CODE		CONSTITUENT	CODE
	pH	101		OIL AND GREASE, mg/l	408		MBAS, mg/l LAS	315
	SUSPENDED SOLIDS, mg/l	151		OIL AND GREASE (NON-POLAR), mg/l	414		NID, mg/l	316
	SUSPENDED SOLIDS (@ pH 7), mg/l	150						
	COD, mg/l O	403		TOTAL CYANIDE, mg/l CN	206		BENZENE, ug/l	620
	TOTAL DISS. SOLIDS (TDS), mg/l	155		CYANIDE AMENABLE TO Cl_2	210		TOLUENE, ug/l	621
	TOTAL DISS. SOLIDS (@ 550°C), mg/l	166		TOTAL CADMIUM, mg/l Cd	708		ETHYL BENZENE, ug/l	624
				TOTAL CHROMIUM, mg/l Cr	709		o-XYLENE, ug/l	629
	AMMONIA NITROGEN, mg/l N	201		TOTAL COPPER, mg/l Cu	712		m+p-XYLENE, ug/l	685
	SOLUBLE SULFIDE, mg/l S	252		TOTAL LEAD, mg/l Pb	714			
	THIOSULFATE SULFUR, mg/l S	253		TOTAL NICKEL, mg/l Ni	718			
	SULFITE SULFUR, mg/l S	254		TOTAL SILVER, mg/l Ag	722		PC	
	SULFATE, mg/l SO_4	257		TOTAL ZINC, mg/l Zn	724			
	TOTAL MERCAPTANS, mg/l S	258		TOTAL ARSENIC, mg/l As	705		EPA	
	TOTAL PHENOLS, mg/l C_6H_5OH	312		TOTAL MERCURY, mg/l Hg	717			

DISTRIBUTION: Return this sheet to Industrial Waste Section Head after log-in.

* All information to be filled in by Field Collection Personnel.

Laboratory Technical Data System 07/02/1998
SJC WQL Test Results Page 1

Sample No: SJ56121 Sample Location: 3-IW05-093

Requestor: MARTYN Completion Date: 06/29/98

Charge No: TS14905BM00 Approved By: EG Sample Type: IWS

Grab Date and Time: 06/08/98 11:45

Sample Description:
SHULTZ STEEL CO., 5321 FIRESTONE BLVD., SOUTH GATE (MH)

No.	Test	Description	Result	Unit of Measure		Footnote
1.	206	TOTAL CYANIDE	< 0.002	MG/L	CN	--
2.	408	OIL & GREASE	12.2	MG/L	EXTRACT	35
3.	905	FIELD PH	7.5	PH		--

Footnotes: 35 - DUPLICATE SPIKE

06-09-98 08:16 RCVD

LOGGED IN BY: [illegible] JUN 09 1998 LABORATORY JOB NUMBER: SJP 56121

CHARLES W. CARRY
Chief Engineer and General Manager

SANITATION DISTRICTS OF LOS ANGELES COUNTY
P.O. Box 4998 Whittier, California 90607

For additional information regarding this analysis call (310) 699-7411 x 2900

PRETREAMENT PROGRAM - CHAIN OF CUSTODY RECORD

SAMPLE IDENTIFICATION Surcharge Account Number: 1196-030 I.W. Permit Number: 5093

Sample Source or Company Name: Shultz Steel Co.

Address: 5321 Firestone Bl South Gate

Reason For Sampling: ☐ Phase 1 ☒ Pretreatment ☐ Sewer System Problem ☐ Other:

Monitoring Requested By: Martyn/Burch

Accounting Charges: ☒ For Routine Samples Taken By IWMC: TS14905 BM
☐ For All Special Investigation Samples: TS14905 B ☐ Other:

SAMPLE COLLECTION INFORMATION:

* Sample Point: ☐ Sample Box ☐ Clarifier ☒ Manhole ☐ ☐ Valve ☐ CN Sample Point ☐ Clean-out ☐

* Sample Method: ☒ Grab ☐ Composite-Timed With ____ minute intervals ☐ Composite-Flow With ____ x ____ gallons Test aliquot volume ____ ml. Tot aliquot

* Sample Date: At/or From 11 45 (HR MIN) ☒ A.M. ☐ P.M. 6 8 (MONTH DAY) 19 98 (YEAR) ☐ A.M. To ____ ☐ P.M. ____ 19__

* Observations: ok - Sample contains Combined Sanitary & IW

* Sampled By: Hardy * Submitted to Laboratory By: Hardy * Contact Name: Peter Nash * Title: n

* Total Quantity of Sample Collected: 1.5 l * Sample Container(s) Used: ☐ C/c Other: 1 Qt glass - 1 CW * Split with Company? Y/N

* Quantity Submitted to Lab: 1.5 l - 1 Qt glass & 1 CW - * Split given to: ☐ Contract

* Sample Preservation Used: ☒ Ice ☐ No Cl_2 ☐ Sodium Thiosulfate ☒ NaOH ☐ HNO_3 Other: HCl

FIELD TEST RESULTS

pH (905) 7.5 Sulfide ____
Color lt grey Flammability ____
Cyanide ____ Odor ____
Redox ____ Other ____

FLOW METER INFORMATION

Totalizer Readings: ____
Final: ____
Initial: No
Difference: L.M.
Multiplier: ____
Total Flow: ____ gal.

Flow Rate at Time of Sample:
(905)ph 7.5 s/u ≈30 gpm
(905)ph ____ s/u ____ gpm
☒ Visual Estimate
☐ Effluent Flow Meter
☐ Influent Water Meter
☐ Estimate Impossible

LABORATORY TESTS NOTES TO ANALYSTS:

	CONSTITUENT	CODE
	pH	101
	SUSPENDED SOLIDS, mg/l	151
	COD, mb/l 0	403
	TOTAL DISS. SOLIDS (TDS), mg/l	155
	AMMONIA NITROGEN, mg/l N	201
	TOTAL PHOSPHATE, mg/l PO_4	310
	TOTAL FLUORIDE, mg/l F	313
	TOTAL PHENOLS, mg/l C_6H_5OH	312
X	OIL AND GREASE, mg/l	408
	OIL AND GREASE (NON-POLAR), mg/l	414

	CONSTITUENT	CODE
X	TOTAL CYANIDE, mg/l CN	206
	CYANIDE AMENABLE TO C12	210
	TOTAL CADMIUM, mg/l Cd	708
	TOTAL CHROMIUM, mg/l Cr	709
	TOTAL COPPER, mg/l Cu	712
	TOTAL LEAD, mg/l Pb	714
	TOTAL NICKEL, mg/l Ni	718
	TOTAL SILVER, mg/l Ag	722
	TOTAL ZINC, mg/l Zn	724
	TOTAL ARSENIC, mg/l As	705
	TOTAL MAGANESE, mg/l Mn	716
	TOTAL ANTIMONY, mg/l Sb	725

	CONSTITUENT	CODE
	PROJECT CODE 631	T06
	ACROLEIN	654
	ARCYLONITRILE	655
	PROJECT CODE:	
	EPA	
	TOTAL GOLD, mg/l Au	730
	TOTAL PLATINUM, mg/l Pt	M01
	TOTAL PALLADIUM, mg/l Pd	M02

CUSTODY RECORD

Relinquished by:	Print Name	Time/Date	Received by:	Print Name
[signature]	S Hardy	9 Jun 98	[signature]	E Amp
[signature]	E Amp			

Laboratory Technical Data System 07/02/1998
SJC WQL Test Results Page 1

Sample No: SJ56188 Sample Location: 3-IW05-093

Requestor: MARTYN Completion Date: 06/29/98

Charge No: TS14905BM00 Approved By: EG Sample Type: IWS

Composite Date and Time - From: 06/08/98 11:45 To: 06/09/98 10:00

Sample Description:
SHULTZ STEEL CO., 5321 FIRESTONE BLVD., SOUTH GATE (MH)

No.	Test	Description		Result	Unit of Measure		Footnote
1.	151	SUSPENDED SOLIDS		36	MG/L		--
2.	403	TOTAL COD		71	MG/L	O	01
3.	708	CADMIUM	<	0.02	MG/L	CD	35
4.	709	TOTAL CHROMIUM	<	0.05	MG/L	CR	35
5.	712	COPPER		0.15	MG/L	CU	35
6.	714	LEAD	<	0.10	MG/L	PB	35
7.	718	NICKEL	<	0.1	MG/L	NI	35
8.	722	SILVER	<	0.05	MG/L	AG	35
9.	724	ZINC		0.07	MG/L	ZN	35
10.	905	FIELD PH		7.5	PH		--

Footnotes: 01 - DUP & SPIKE 35 - DUPLICATE SPIKE

06-10-98 09:17 RCVD

LOGGED IN BY: UOZ JUN 10 1998 LABORATORY JOB NUMBER: SJP 56182

CHARLES W. CARRY
Chief Engineer and General Manager

SANITATION DISTRICTS OF LOS ANGELES COUNTY
P.O. Box 4998 Whittier, California 90607

For additional information regarding this analysis call (310) 699-7411 x 2900

PRETREAMENT PROGRAM - CHAIN OF CUSTODY RECORD

SAMPLE IDENTIFICATION Surcharge Account Number: 1196-030 I.W. Permit Number: 5093

Sample Source or Company Name: Shultz Steel Co.

Address: 5321 Firestone Bl South Gate

Reason For Sampling: ☐ Phase 1 ☒ Pretreatment ☐ Sewer System Problem ☐ Other:

Monitoring Requested By: Martyn/Burch

Accounting Charges: ☒ For Routine Samples Taken By IWMC: TS14905 BM
☐ For All Special Investigation Samples: TS14905 B ☐ Other:

SAMPLE COLLECTION INFORMATION:

* Sample Point: ☐ Sample Box ☐ Clarifier ☒ Manhole ☐ ☐ Valve ☐ CN Sample Point ☐ Clean-out ☐

* Sample Method: ☐ Grab ☒ Composite-Timed With 15 minute intervals ☐ Composite-Flow With ___ x ___ gallons Test aliquot volume 88 ml. 88 ml Tot aliquot 89

* Sample Date: At/or From 11 45 (HR. MIN.) ☒ A.M. ☐ P.M. 6 8 (MONTH DAY) 19 98 (YEAR) To 10 00 ☒ A.M. ☐ P.M. 6 9 19 98

* Observations: on ~ Sample is combined IW & Sanitary see memo 6/8/98

* Sampled By: Hardy * Submitted to Laboratory By: Hardy * Contact Name: Peter Nash * Title: ~

* Total Quantity of Sample Collected: 8 l * Sample Containers Used: ☒ C/c ___ Other: ___ * Split with Company? (Y) N

* Quantity Submitted to Lab: 2 l — 2 cubes * Split given to: ☐ Contact

* Sample Preservation Used: ☒ Ice ☐ No Cl_2 ☐ Sodium Thiosulfate ☐ NaOH ☒ HNO_3 Other: guard

FIELD TEST RESULTS

pH (905) 7.5 Sulfide ___
Color grey Flammability ___
Cyanide ___ Odor ___
Redox ___ Other ___

FLOW METER INFORMATION

Totalizer Readings: ___
Final: ___
Initial: No F.M.
Difference: ___
Multiplier: ___
Total Flow: ___ gal.

Flow Rate at Time of Sample:
(905)ph 7.5 s/u ≈30 gpm
(905)ph 7.5 s/u ≈30 gpm
☒ Visual Estimate
☐ Effluent Flow Meter
☐ Influent Water Meter
☐ Estimate Impossible

LABORATORY TESTS NOTES TO ANALYSTS:

	CONSTITUENT	CODE
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	TOTAL FLUORIDE, mg/l F	313
	TOTAL PHENOLS, mg/l C_6H_5OH	312
	OIL AND GREASE, mg/l	408
	OIL AND GREASE (NON-POLAR), mg/l	414

	CONSTITUENT	CODE
	TOTAL CYANIDE, mg/l CN	206
	CYANIDE AMENABLE TO C12	210
X	TOTAL CADMIUM, mg/l Cd	708
X	TOTAL CHROMIUM, mg/l Cr	709
X	TOTAL COPPER, mg/l Cu	712
X	TOTAL LEAD, mg/l Pb	714
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	TOTAL ARSENIC, mg/l As	705
	TOTAL MAGANESE, mg/l Mn	716
	TOTAL ANTIMONY, mg/l Sb	725

	CONSTITUENT	CODE
	PROJECT CODE 631	T06
	ACROLEIN	654
	ARCYLONITRILE	655
	PROJECT CODE:	
	EPA	
	TOTAL GOLD, mg/l Au	730
	TOTAL PLATINUM, mg/l Pt	M01
	TOTAL PALLADIUM, mg/l Pd	M02

CUSTODY RECORD

Relinquished by:	Print Name	Time/Date	Received by:	Print Name
S Hardy	S Hardy	9 20 6/10/98	[signature]	[signature]
[signature]	[signature]			