

Fact Sheet

United States Environmental Protection Agency
Region X
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-1270

Date: May 23, 1977

Application No.: ID-000023-0

FACT SHEET -- PROPOSED NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT TO DISCHARGE POLLUTANTS PURSUANT TO THE PROVISIONS OF THE FEDERAL WATER POLLUTION CONTROL ACT AMENDMENTS OF 1972

The Amalgamated Sugar Company
P. O. Box 127
Twin Falls, Idaho 83301

has applied for a National Pollutant Discharge Elimination System (NPDES) permit to discharge pollutants pursuant to the provisions of the Federal Water Pollution Control Act Amendments of 1972 (Pub. L. 92-500 (October 18, 1972)), hereinafter referred to as FWPCA. This fact sheet includes (a) the tentative determination of the Environmental Protection Agency (EPA) to issue a permit, (b) information on public comment, public hearing and appeal, (c) the description of current discharge, (d) a listing of tentative effluent limitations, schedules of compliance and other conditions, and (e) a sketch of the location of the discharge. We call your special attention to the technical material presented in the latter part of this document.

This Regional office of the EPA has tentatively determined to issue a permit to discharge to the above listed applicant subject to certain effluent limitations which may require the installation of treatment facilities, schedules of compliance, and other conditions necessary to carry out the provisions of the FWPCA. These proposed limitations, schedules, and conditions are tentative.

Persons wishing to comment on the tentative determinations contained in the proposed permit or wishing to request that a hearing be held, may do so within 30 days of the date of this public notice. All written comments received within this 30-day period will be considered in the formulation of final determinations regarding this application. All responses should include the name, address, and telephone number of the writer and a concise statement to inform the Director, Enforcement Division of the exact basis of any comment and the relevant facts upon which it is based. Any person may request a hearing on the draft. An informal public hearing to discuss the permit terms and conditions shall be held if the Director, Enforcement Division considers the public response significant.

At least 30 days following the issuance of this notice, the Director, Enforcement Division will make final determinations with respect to the permit(s). The tentative determinations contained in the draft will become the final determinations if no substantial changes are made in them. If the tentative determinations are changed substantially, a public notice of determinations will be issued indicating what changes have been made.

An adjudicatory hearing may be requested within ten (10) days of the receipt of the final determinations. Such request will be granted only if it meets all the requirements of 40 C.F.R. 125.36(b)(2). A copy of 40 C.F.R. 125.36(b) is attached.

Copies of public notice, draft permit and any further information may be requested by writing to the EPA at the above address to the attention of M/S 521, or by calling (206) 442-1270. This material is also available from the EPA Idaho Operations Office, 442 West Washington Street, Boise, Idaho 83702. Forms and related documents are on file and may be inspected and copies made in Room 11D, 1200 Sixth Avenue, Seattle, Washington 98101, at any time between 8:30 am and 4:00 pm, Monday through Friday. A copying machine is available in the Seattle office of the EPA for public use at a charge of \$.20 per copy sheet.

The permit will become effective and be deemed issued 30 days after the final determinations are made, unless a request for adjudicatory hearing is submitted within 10 days of receipt of the final determinations. If the request is granted, any contested permit provisions (or uncontested provisions inseparable from contested provisions) will be ineffective until a resolution of the issues raised by the request. The permittee, however, will be subject to any uncontested permit provisions.

The following materials contain a description of the applicant's discharge, a listing of tentative determinations of effluent limitations, schedules of compliance and other conditions of the permit, and a sketch of the location of the discharge.

Please bring this information to the attention of persons whom you know would be interested in this matter.

TECHINICAL INFORMATION

The applicant is engaged in the manufacturing of sugar, dried pulp, and molasses from sugar beets. The discharge described in the application contains noncontact cooling water, evaporator condensate, and building roof drainage waters.

The discharge is to Rock Creek about 4 kilometers (2.5 miles) upstream from the city limits of Twin Falls, Idaho. The confluence of Rock Creek and the Snake River is about 19.3 kilometers (12 miles) downstream from this discharge.

Description of Discharge:

Previously, the applicant had two discharges. Discharge 001 contained process wastewater from processing sugar beets. Discharge 002 contained noncontact cooling water. In 1975, the company diverted a majority of the process contaminated wastewater to land irrigation and combined the discharges into outfall serial number 002.

The company plans to divert the noncontact cooling waters from their existing discharge into a new outfall, 003. The remaining contaminated wastewaters, discharge 002, will be collected and routed to their land irrigation system.

Proposed Effluent Limitations and Schedule of Compliance:

See pages 4, 5, 6, and 7 of this Fact Sheet.

Applicable Water Quality Standards:

Rock Creek at the discharge point is classified in the Idaho State Water Quality Standards dated June 1973 as a primary contact recreation water, Class A. Uses to be protected are domestic and industrial water supply, livestock watering, salmonoid spawning and rearing, other fishing and aquatic life, hunting and wildlife, water skiing and swimming, pleasure boating and aesthetics.

The proposed effluent limitations are not expected to result in a violation of receiving water quality.

The Federal Water Pollution Control Act Amendments of 1972 require that limitations be set for all sources of discharge into navigable waters. Point sources must use the best practicable control technology currently available and achieve compliance with the State Water Quality Standards by not later than July 1, 1977.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning July 1, 1977 and lasting through March 31, 1981 the permittee is authorized to discharge from outfall(s) serial number(s) 002.

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS			MONITORING REQUIREMENTS		
	kg/day Daily Avg	(lbs/day) Daily Max	Other Units Daily Avg	(Specify) Daily Max	Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	--	--	15,140 (4.0)	18,925 (5.0)	Cont. Recorded	--
Temperature	--	--	--	97°F	"	--
BOD ₅	907 (2000)	1361 (3000)	--	--	Weekly	24 Hr. Comp
Suspended Solids	907 (2000)	1361 (3000)	--	--	"	"
Fecal Coliform Bacteria	--	--	--	--	"	"

b. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored daily on a grab sample.

c. There shall be no discharge of floating solids or visible foam in other than trace amounts.

d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: In the effluent stream prior to discharge into the receiving water.

2. During the period beginning April 1, 1981, and lasting through June 30, 1982, there shall be no discharge from outfall serial number 002.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

3. During the period beginning September 30, 1978, and lasting through March 31, 1981, the permittee is authorized to discharge non-contact cooling water from outfall serial number 003.

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS			
	kg/day Daily Avg	(lbs/day) Daily Max	Other Units Daily Avg	(Specify) Daily Max	Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	--	--	--	--	Daily	Measured
Temperature	01/	01/	--	970F	"	Grab
BOD ₅	01/	01/	--	--	Weekly	Grab

b. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored weekly on a grab sample.

c. There shall be no discharge of floating solids or visible foam in other than trace amounts.

d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: In the effluent stream prior to discharge into the receiving water.

1/ Net allowable increase over intake water.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

4. During the period beginning April 1, 1981, and lasting through June 30, 1982, the permittee is authorized to discharge non-contact cooling water from outfall serial number 003.

a. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTIC	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS			
	kg/day Daily Avg	(lbs/day) Daily Max	Other Units Daily Avg	(Specify) Daily Max	Measurement Frequency	Sample Type
Flow-m ³ /Day (MGD)	--	--	15,140 (4.0)	18,925 (5.0)	Cont. Recorded	--
Temperature	--	--	--	97°F	"	--
BOD ₅	0.1/	0.1/	--	--	Weekly	Grab

b. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored weekly on a grab sample.

c. There shall be no discharge of floating solids or visible foam in other than trace amounts.

d. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following locations: In the effluent stream prior to discharge into the receiving water.

1/ Net allowable increase over intake water.

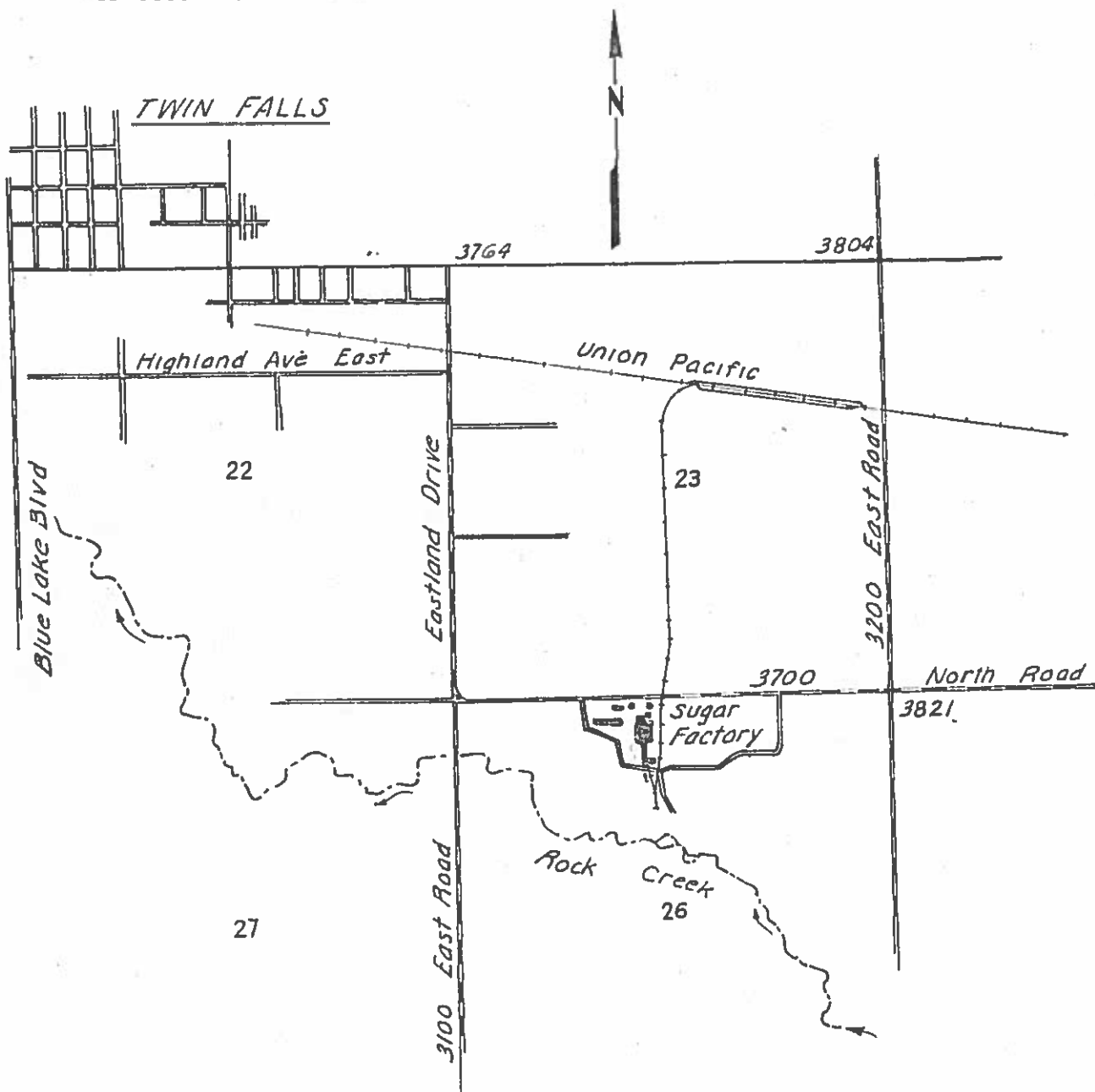
SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

- a. March 31, 1978 - Submit a Report of Progress in achieving the elimination of Discharge 002.
- b. September 30, 1978 - Complete construction of discharge piping on Outfall 003.
- c. March 31, 1979 - Submit a Report of Progress on achieving elimination of Discharge 002.
- d. September 30, 1979 - Submit a Report of Progress on achieving elimination of Discharge 002.
- e. March 31, 1980 - Submit a Report of Progress on achieving elimination of Discharge 002.
- f. September 30, 1980 - Submit a Report of Progress on achieving elimination of Discharge 002.
- g. March 31, 1981 - Achieve compliance with Conditions I.A.2. and 4.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

ID-000023-0



1000 0 1000 2000
 Scale of Feet

T.10S.
 R.17E

VICINITY MAP

Twin Falls Factory Area

The Amalgamated Sugar Company
 Twin Falls Factory