**Publication No. 74-e78**

WA-41-3000

April 16, 1974



Memo to: Howard Bunten, Rhys Sterling

From: Allen Moore

Subject: Efficiency Study at the Ephrata STP.

An efficiency study was conducted at the Ephrata STP on March 12, 1974. The influent and effluent were composited every hour from 0930 to 1530 hours. Because of no actual discharge at that time, "effluent" was sampled where it flowed from #3 to #4 lagoon. The coliform data reflects no chlorination which is done only during the land sprinkler irrigation disposal, therefore, no receiving waters. Note the high BOD in the effluent. The test well immediately downhill of the irrigation field is regularly monitored by the Health Department and shows no sign of infiltration.

Weed control along the banks of the lagoon was very good. A high concentration of algae was apparent from the yellow-green color of the water. The operator expressed concern about the algae which becomes much more concentrated during summer.

AM:jmh

STP Survey Report Form

## Efficiency Study

City Ephrata STP Plant Type Lagoon Land Irr. Pop. Served _____ Design Capacity 15,000

Receiving Water LAND Irrigation Perennial _____ Intermittent X

Date 3-12-74 Survey Period 0930-1530 hours Survey Personnel Allen Moore

Comp. Sampling Frequency Hourly Sampling Alequot Flow MGD x 1000=ml sampled

Weather Conditions (24 hr) Rain-Windy Are facilities provided for complete by-pass of raw sewage? X Yes _____ No/Frequency of bypass _____

Reason for bypass POWER OUTAGE Is bypass chlorinated? ____ Yes X No

Was DOE Notified? YES Discharge - Intermittent X Continuous _____

## Plant Operation

Total flow .160 MGD - 6 hours How measured Totalizer

Maximum flow .8 MGD Time of Max. 0900-1030 hours

Minimum flow .6 MGD Time of Min. 1530 hours

Pre $Cl_2$ 0 #/day Post $Cl_2$ 0* #/day

*No Irrigation-No Chlorination

## Field Results

| | Influent | | | | Effluent | | | |
|---|---|---|---|---|---|---|---|---|
| Determinations | Max. | Min. | Mean | Median | Max. | Min. | Mean | Median |
| Temp °C | 18.0 | 16.5 | | 17.5 | 9.5 | 8.2 | | 8.5 |
| pH (Units) | 9.2 | 8.2 | | 8.4 | 8.0 | 7.5 | | 7.8 |
| Conductivity (µmhos/cm²) | -- | -- | | -- | -- | -- | | -- |
| Settleable Solids (mls/l) | 21 | 15 | 18 | 17 | .5 | .5 | .5 | .5 |

## Laboratory Results on Composites

| | Influent | * Effluent | % Reduction |
|---|---|---|---|
| Laboratory No. | 74-0750 | 74-0751 | |
| 5-Day BOD ppm | 195 | 64 | 67% |
| COD ppm | 490 | 131 | 73% |
| T.S. ppm | 774 | 518 | 33% |
| T.N.V.S. ppm | 422 | 343 | 19% |
| T.S.S. ppm | 247 | 74 | 70% |
| N.V.S.S. ppm | 242 | 14 | 94% |
| pH (Units) | 8.2 | 7.7 | |
| Conductivity (µmhos/cm²) | 910 | 870 | |
| Turbidity (JTU's) | 96 | 28 | |

*No actual effluent discharged during survey. Sample taken where flow goes from Lagoon 3

## Laboratory Bacteriological Results

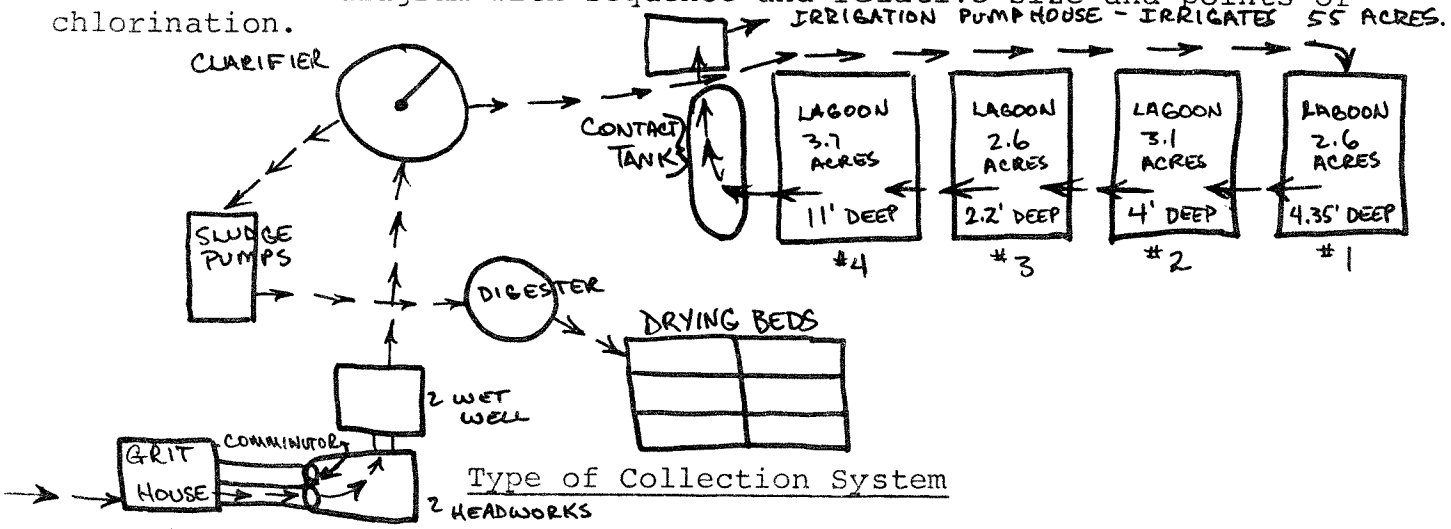
| Lab No. | Sampling Time | Colonies/100 ml (MF) Total Coliform | Fecal Coliform | Fecal Strep | $Cl_2$ Residual |
|---|---|---|---|---|---|
| 74-0752 | 0930 | >40,000 | >4000 | | 0 |
| 753 | 1030 | >40,000 | >4000 | | 0 |
| 754 | 1130 | >40,000 | >4000 | | 0 |
| 755 | 1230 | >40,000 | >4000 | | 0 |
| 756 | 1330 | >40,000 | >4000 | | 0 |
| 757 | 1430 | >40,000 | >4000 | | 0 |

## Additional Laboratory Results

| | |
|---|---|
| $NO_3$-N ppm - 4.56 | |
| $NO_2$-N ppm - .20 | |
| $NH_3$-N ppm - 19.1 | |
| T. Kjeldahl-N ppm - 24.6 | |
| O-$PO_4$-P ppm - 3.50 | |
| T-$PO_4$-P ppm - 7.50 | |

Operator's Name Donald S. Grubb Phone No. _____

Furnish a flow diagram with sequence and relative size and points of chlorination.




Type of Collection System

__ Combined X Separate __ Both

Estimate flow contributed by surface or ground water (infiltration)

NONE MGD

## Plant Loading Information

| Annual average daily flow rate(mgd) | Peak flow rate(mgd) |
|---|---|
| Dry .483 MGD | Dry 1.0 MGD |
| Wet _____ | Wet 1.5 MGD |

COMMENTS: Chlorination only when effluent pumped for spray irrigation to 55 acre field. Because of no irrigation during survey, no Chlorination. Effluent held in last of 4 lagoons prior to irrigation for period up to 26 days. Effluent irrigated during 8 hr. working day. Coliform run at request of STP operator.

STATE OF WASHINGTON

# DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

ORIGINAL TO: Jeanne
COPIES TO:
LAB FILES

## DATA SUMMARY

Source EPHRATA STP — Collected By Scott Jeanne

Date Collected 3/12/74 — Goal, Pro./Obj.

| Log Number: | 74 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | | | STORET |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Station: | INF | EFF | EFF 0930 | 1030 | 1130 | 1230 | 1330 | 1430 | | | |
| pH | 8.2 | 7.7 | | | | | | | | | 00403 |
| Turbidity (JTU) | 96 | 28 | | | | | | | | | 00070 |
| Conductivity (umhos/cm)@25°C | 910 | 870 | | | | | | | | | 00095 |
| COD | 490 | 131 | | | | | | | | | 00340 |
| BOD (5 day) | 195 | 64 | | | | | | | | | 00310 |
| Total Coliform (Col./100ml) | | | >40,000 | >40,000 | >40,000 | >40,000 | >40,000 | >40,000 | | | 31504 |
| Fecal Coliform (Col./100ml) | | | >4000 | >4000 | >4000 | >4000 | >4000 | >4000 | | | 31616 |
| NO3-N (Filtered) | | 4.56 | | | | | | | | | 00620 |
| NO2-N (Filtered) | | .20 | | | | | | | | | 00615 |
| NH3-N (Unfiltered) | | 19.1- | | | | | | | | | 00610 |
| T. Kjeldahl-N (Unfiltered) | | 24.6- | | | | | | | | | 00625 |
| O-PO4-P (Filtered) | | 3.50 | - | | | | | | | | 00671 |
| Total Phos.-P (Unfiltered) | | 7.50 | | | | | | | | | 00665 |
| Total Solids | 774 | 518 | | | | | | | | | 00500 |
| Total Non Vol. Solids | 422 | 343 | | | | | | | | | |
| Total Suspended Solids | 247 | 74 | | | | | | | | | 00530 |
| Total Sus. Non Vol. Solids | 242 | 14 | | | | | | | | | |

Note: All results are in PPM unless otherwise specified. ND is "None Detected"
Convert those marked with a * to PPB (PPM X $10^3$) prior to entry into STORET

LID CAME OFF NUT INF SAMPLE IN TRANSIT - SPILLED

Summary By Mary Holcomb — Date 3/29/74

Exhibit F

U.S. DEPARTMENT OF THE INTERIOR
FEDERAL WATER POLLUTION CONTROL ADMINISTRATION

# SEWAGE TREATMENT PLANT OPERATION AND MAINTENANCE PRACTICES QUESTIONNAIRE

FORM APPROVED
BUDGET BUREAU NO. 42-R1527

CHECK ONE: [X] 1ST AUDIT [ ] RE-AUDIT

DATE OF AUDIT: MARCH 12, 1974

PLANT DESCRIPTION CODE (For Official Use Only)

## A. GENERAL INFORMATION

1. PROJECT (State, Number)

SCOPE OF PROJECT (new plant, additions, etc.)

2. PLANT LOCATION (City, county): DODSON RD, EPHRATA, WASH.

IDENTIFICATION OF AREAS SERVED

## 3. POPULATION

3A. FRACTION OF AREA POPULATION SERVED (%): 100%

3B. PLANT DESIGN (population equivalent): 1.5 MGD 15,000 PERSONS

3C. SERVED BY PLANT (domestic): CITY OF EPHRATA

## 4. TYPE OF COLLECTION SYSTEM

4A. [ ] COMBINED [X] SEPARATE [ ] BOTH

4B. ESTIMATED FLOW CONTRIBUTED BY SURFACE OR GROUND WATER (infiltration, mgd): NONE

5. YEAR COMMUNITY BEGAN SEWAGE TREATMENT: 1938?

6. YEAR PRESENT SYSTEM PLACED IN OPERATION

6A. SEWER: 1938

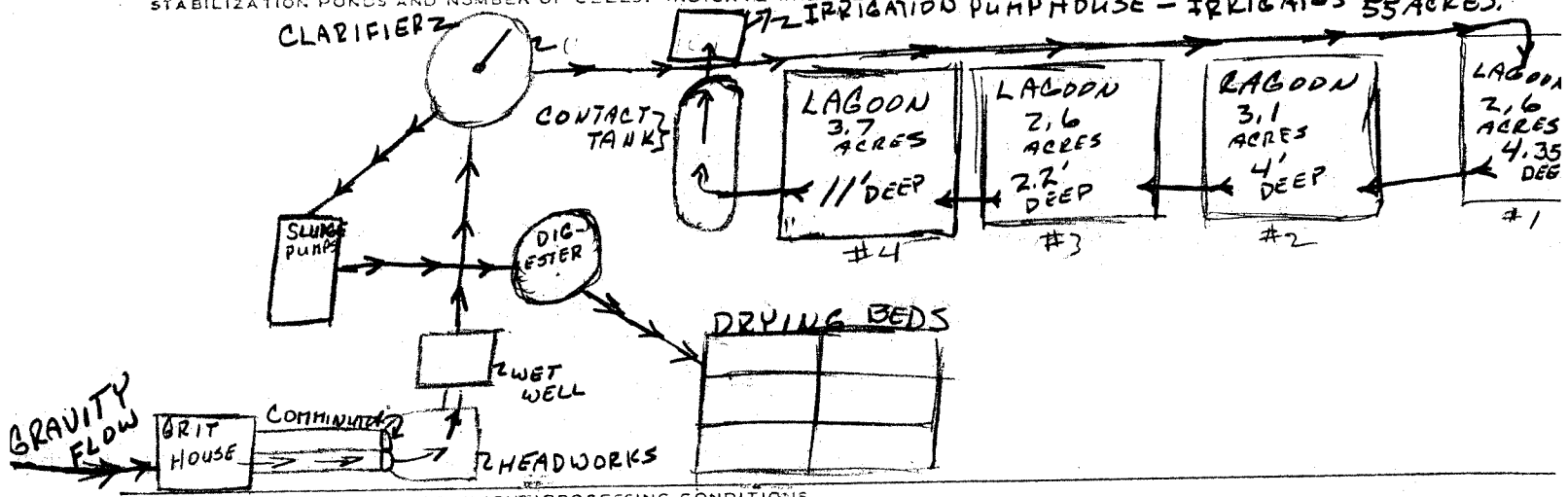
6B. PLANT: 1956

6C. ANCILLARY WORKS: IRRIGATION AND LAGOONS 1973

7A. SIZE OF PLANT SITE (acres): 72

7B. APPROXIMATE AREA LEFT FOR EXPANSION (acres): 11

8A. IN THE SPACE PROVIDED BELOW FURNISH A SIMPLIFIED FLOW DIAGRAM OR A WRITTEN DESCRIPTION OF THE PLANT UNITS IN FLOW SEQUENCE. INCLUDE THE METHOD OF ULTIMATE SLUDGE DISPOSAL. SHOW APPROXIMATE SURFACE AREA OF STABILIZATION PONDS AND NUMBER OF CELLS. INDICATE WHETHER FLOW TO AND FROM PLANT IS BY PUMPING OR GRAVITY.




8B. NOTE ANY SIGNIFICANT OR UNIQUE PROCESSING CONDITIONS.

55 ACRES OF LAND DISPOSAL

## 9. RECEIVING STREAM

9A. NAME OF STREAM: NONE

9B. STREAM FLOW IS: [ ] PERENNIAL [ ] INTERMITTENT [ ] NATURAL [ ] REGULATED

[ ] INTERSTATE [ ] INTRASTATE [ ] COASTAL

## B. CURRENT PERFORMANCE AND PLANT LOADING INFORMATION

1A. ANNUAL AVERAGE DAILY FLOW RATE (mgd): .483 MGD

1B. PEAK FLOW RATE (mgd): DRY WEATHER: 1 MGD; WET WEATHER: 1.5 MGD

1C. MINIMUM FLOW RATE (mgd): .300 MGD

2. AVERAGE BOD OF RAW SEWAGE (5 DAY 20°C) (ppm): 176.4

3. AVERAGE SETTLEABLE SOLIDS OF RAW SEWAGE (IMHOFF Cone) (ml/l): 12.5

4. AVERAGE SUSPENDED SOLIDS OF RAW SEWAGE (mg/l): *

5. AVERAGE COLIFORM DENSITY OF RAW SEWAGE (mpn /100 ml): *

## 6. ANNUAL AVERAGE PLANT REDUCTION %

6A. BOD (%): 75.1

6B. SETTLEABLE SOLIDS (%): 99

6C. SUSPENDED SOLIDS (%): *

6D. COLIFORM DENSITY (%): —

FWPCA-12 (Rev. 4-68)

* JUST RECEIVED LAB EQUIPMENT TO RUN TESTS

7A. DOES PLANT HAVE STANDBY POWER GENERATOR FOR MAJOR PUMPING FACILITIES? ☐ YES ☒ NO

7B. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES? ☐ YES ☒ NO

8. ARE CHLORINATION FACILITIES PROVIDED? ☒ YES ☐ NO IF YES, ANSWER 8A THRU G

IF YES, IS CHLORINATION CONTINUOUS? ☐ YES ☒ NO IF NO, EXPLAIN REASON FOR INTERMITTENT CHLORINATION

CHLORINATION FOR SPRINKLING SYSTEM, 8HRS A DAY USUALLY

8A. PURPOSE OF CHLORINATION

DISSINFECTION

8B. TYPE OF CHLORINATOR

WALLACE & TIERNAN V-NOTCH

8C. POINT OF APPLICATION OF CHLORINE

BEFORE LAND DISPOSAL

8D. CAN BYPASSED SEWAGE BE CHLORINATED? ☐ YES ☒ NO

8E. AVERAGE FEED RATE OF CHLORINE (lb/day)

20 - PER 8 HOURS

8F. CHLORINE RESIDUAL IN EFFLUENT

1.0 PPM AT END OF 30 MINUTES

8G. MINIMUM SUPPLY OF CHLORINE STORED ON PREMISES (lb)

1 TON CYLINDER WITH 150 lb STANDBY

9. ARE FACILITIES PROVIDED FOR COMPLETE BYPASS OF RAW SEWAGE? ☒ YES ☐ NO IF YES, ANSWER A THRU G BELOW, ANSWER H IN EITHER CASE.

9A. FREQUENCY (times monthly)

ONLY ON POWER OUTAGE

9B. AVERAGE DURATION (hours)

9C. REASON FOR BYPASSING

9D. ESTIMATED FLOW RATE DURING BYPASS IS
☒ WITHIN HYDRAULIC CAPACITY OF PLANT
☐ BEYOND HYDRAULIC CAPACITY OF PLANT BY

9E. DOES SEWAGE OVERFLOW IN DRY WEATHER? ☐ YES ☐ NO

9F. TYPE OF DIVERSION STRUCTURE

BY-PASS DITCH

9G. AGENCIES NOTIFIED OF BYPASS ACTION

NOTED ON REPORTS TO STATE ECOLOGY

9H. DO OPERATORS HAVE OPTION TO BYPASS INDIVIDUAL PLANT UNITS? (If no, has this caused any operational problems?) ☒ YES ☐ NO

BY-PASS CLARIFIER TO LAGOONS

10A. ARE BACK FLOW DEVICES PROVIDED AT ALL CONNECTIONS TO CITY WATER SUPPLY? (If no, explain) ☐ YES ☒ NO

PRIVATE WELL FOR PLANT

10B. CHECK TYPE OF BACK FLOW PREVENTION DEVICE

☐ DOUBLE CHECK VALVE ☐ PRESSURE OPERATED ☐ PHYSICAL DISCONNECT ☐ OTHER(specify)

11. USES OF TREATMENT PLANT EFFLUENT

FOR LAND DISPOSAL ON CITY PROPERTY

12. USES OF RECEIVING STREAM WITHIN 10 MILES OF OUTFALL

13. HAVE THERE BEEN ANY ODOR COMPLAINTS BEYOND THE PLANT PROPERTY? (If yes, explain) ☐ YES ☒ NO

14. OBSERVED APPEARANCE AND CONDITION OF EFFLUENT, RECEIVING STREAM, OR DRAINAGE WAY

15. STABILIZATION PONDS

A. WEEDS CUT AND VEGETATIVE GROWTH IN PONDS ELIMINATED? [X] YES [ ] NO

B. BANKS AND DIKES MAINTAINED (*erosion etc.*)? [X] YES [ ] NO

C. FENCING AND "WARNING – POLLUTED WATER" SIGNS PRESENT AND IN GOOD REPAIR? [X] YES [ ] NO

D. FREQUENCY OF INSPECTION BY OPERATOR. DAILY

E. WATER DEPTH (*feet*) NOTE FRONT PAGE 7/8A ____ HIGH ____ LOW ____ MEDIUM Lagoon #4 depth is kept at 4 ft or Lower during Summer while pumping to LAND disposal sight.

F. ADEQUATE CONTROL OF DEPTH? [X] YES [ ] NO

G. SEEPAGE REPORTED? [ ] YES [X] NO

H. ANY REPORTS OF GROUND WATER CONTAMINATION FROM POND (*If yes, give details*)? [ ] YES [X] NO

WELL ON PLANT SITE - TESTS SENT MONTHLY TO STATE

I. MOSQUITO BREEDING PROBLEM ? [ ] YES [X] NO IF YES, NAME OF SPECIES IF KNOWN

J. CAN SURFACE RUN-OFF ENTER POND? [ ] YES [X] NO

C. SUPERVISORY SERVICES

1. IS A CONSULTING ENGINEER RETAINED OR AVAILABLE FOR CONSULTATION ON OPERATING AND MAINTENANCE PROBLEMS?

[X] YES [ ] NO IF YES IS IT ON: [ ] CONTINUING BASIS OR [X] UPON REQUEST BASIS

IF CONTINUING BASIS, WHAT IS THE FREQUENCY OF VISITS:

2. DO OPERATORS AND OTHER PERSONNEL ROUTINELY ATTEND SHORT COURSES, SCHOOLS OR OTHER TRAINING ACTIVITIES?

[X] YES [ ] NO COLUMBIA BASIN SECTION OF NWPCA + STATE ECOLOGY FALL OF 1972

IF YES, CITE COURSE SPONSOR AND DATE OF LAST COURSE ATTENDED AT PRESENT TAKING A CORRESPONDENCE COURSE FROM SACRAMENTO STATE COLLEGE

IF NO, DO YOU KNOW OF ANY COURSES AVAILABLE TO SERVE THIS AREA?

3A. ARE ALL EQUIPMENT AND PARTS OF THE PRESENT PLANT STILL IN OPERATION? [X] YES [ ] NO (*If no, explain*)

B. ARE PROCESSING UNITS OPERATING AT DESIGN EFFICIENCY? [X] YES [ ] NO (*If no, explain*)

4. HAVE THERE BEEN ANY DIFFICULTIES WITH THE SEWAGE TREATMENT PLANT?

A. STRUCTURAL [ ] YES [X] NO (*If yes explain*)

B. MECHANICAL [ ] YES [X] NO (*If yes, explain*)

C. OPERATIONAL [ ] YES [X] NO (*If yes, explain*)

D. BASED ON OPERATING EXPERIENCE TO DATE WHAT IF ANY CHANGES WOULD YOU RECOMMEND TO IMPROVE OPERATION OF THE PLANT?

AN AREATOR SOMEPLACE IN THE SYSTEM

5 ARE OPERATING RECORDS MAINTAINED? (If maintained, check general items included) ☒ YES ☐ NO

REPORTED? ☒ YES ☐ NO

TO WHOM? STATE ECOLOGY

| FREQUENCY | WEATHER | FLOW | SLUDGE HANDLED | CHEMICALS USED | DIGESTER | GRIT HANDLED | ELEC. USED | COST DATA | AIR USED | MAIN-TENANCE | OTHER |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DAILY | ✓ | ✓ | | ✓ | ✓ | | | | | ✓ | |
| WEEKLY | | | | | | ✓ | | | | | |
| MONTHLY | | | | | | | ✓ | ✓ | | | |
| ANNUALLY | | | ✓ | | | | | | | | |

6. ARE LABORATORY RECORDS MAINTAINED? (check appropriate box)

☐ NOT AT ALL ☒ DAILY ☐ WEEKLY ☐ MONTHLY ☐ ANNUALLY

IF MAINTAINED CHECK FORM OF RECORD BELOW:

☐ LOG BOOK ☒ TABULAR SHEET ☐ SEPARATE BY OPERATION ☐ CONTROL CHARTS ☐ GRAPHS

WHAT PLANT AND/OR LABORATORY EQUIPMENT, GAGES AND METERS ARE CALIBRATED PERIODICALLY?

P.H. METER, FLOW METER

7. IS LABORATORY TESTING ADEQUATE FOR THE CONTROL REQUIRED FOR THIS SIZE AND TYPE OF PLANT?

☒ YES ☐ NO (If no, explain)

8. INDUSTRIAL WASTES DISCHARGED TO MUNICIPAL SYSTEM: NONE

A. NUMBER AND TYPES OF INDUSTRIES DISCHARGING TO SYSTEMS: NONE

B. POPULATION EQUIVALENT (BOD) OF INDUSTRIAL WASTES (pe)

C. POPULATION EQUIVALENT (SS) OF INDUSTRIAL WASTES (pe)

D. VOLUME OF INDUSTRIAL WASTES (mgd)

E. COMPOSITION AND CHARACTERISTICS OF INDUSTRIAL WASTES

F. MAIN DIFFICULTY EXPERIENCED WITH INDUSTRIAL WASTE (explain)

G. HAVE INDUSTRIAL EFFLUENT PROBLEMS BEEN SOLVED? ☐ YES ☐ NO (If yes, how?)

9A. METHOD OR METHODS USED TO ASSESS INDUSTRIAL WASTE TREATMENT COST (check appropriate box)

☐ NO CHARGE BY CITY ☐ PROPERTY TAX ☐ WATER USE ASSESSMENT ☐ CHARGE BASED ON FLOW

☐ CHARGED BASED ON BOD ☐ CHARGE BASED ON SS ☐ OTHER METHODS (describe)

COMMENT ON HOW CHARGE IS COLLECTED (fixed charge, sliding scale, etc.)

9B. IS INDUSTRIAL WASTE ORDINANCE IN EFFECT AND ENFORCED? ☐ YES ☐ NO

10. WHO PROVIDED INITIAL INSTRUCTION IN THE OPERATION OF THE PLANT?

GREY + OSBORNE CONSULTING ENGINEERS

11. IS A MANUAL OF PRACTICE OR INSTRUCTIONS AVAILABLE? ☒ YES ☐ NO

IF YES, WHO WROTE AND PROVIDED IT? NOTE-10

12. ESTIMATE OF MAN-HOURS PER WEEK DEVOTED TO LABORATORY WORK AND MAINTENANCE OF RECORDS AND REPORTS

20 HOURS

D. PLANT PERSONNEL (Annual Average Staff for Most Recent Year Reported in Section "F")

| JOB CATEGORY | NUMBER | TOTAL MAN-HOURS PER WEEK | TOTAL NUMBER CERTIFIED OR LICENSED | RANGE IN YEARS EMPLOYED AT PRESENT PLANT | RANGE IN YEARS OF EXPERIENCE IN TREATMENT |
|---|---|---|---|---|---|
| 1. SUPERINTENDENT | 1 | 40 | 1 | 6 | 6 |
| 2. OPERATORS | 2 | 80 | 2 | 4-3 | 4-3 |
| 3. LABORATORY TECHNICIANS | | | | | |
| 4. LABORERS | | | | | |
| 5. PART-TIME LABORERS | | | | | |
| 6. TOTAL | 3 | 120 | 3 | 13 | 13 |

## E. LABORATORY CONTROL

Enter test codes opposite appropriate items. If any of the below tests are used to monitor industrial wastes place an "X" in addition to the test code.

CODES

1 – 7 or more per week  3 – 1, 2, or 3 per week  5 – 2 or 3 per month  7 – Quarterly  9 – Annually
2 – (4,) 5 or 6 per week  4 – as required  6 – 1 per month  8 – Semi–Annually

| ITEM | RAW | PRIMARY EFFLUENT | MIXED LIQUOR | FINAL | SLUDGE | | DIGESTOR | RECEIVING STREAM |
|---|---|---|---|---|---|---|---|---|
| | | | | | RAW | SUPER-NATANT | | |
| 1. BOD | 6 | | | 6 | | | | |
| 2. SUSPENDED SOLIDS | 6 | 6 | | | | | | |
| 3. SETTLEABLE SOLIDS | 2 | 2 | | | | | | |
| 4. SUSPENDED VOLATILE | — | — | | | | | | |
| 5. DISSOLVED OXYGEN | 2 | 2 | | 2 | | | | |
| 6. TOTAL SOLIDS | 6 | 6 | | | | | | |
| 7. VOLATILE SOLIDS | — | — | | | | | | |
| 8. pH | 2 | 2 | | 2 | | | 2 | |
| 9. TEMPERATURE | 2 | | | 2 | | | 2 | |
| 10. COLIFORM DENSITY | — | — | | | | | | |
| 11. RESIDUAL CHLORINE | — | — | | | | | | |
| 12. VOLATILE ACIDS | | | | | | | 2 | |
| 13. M. B. STABILITY | — | — | | | | | | |
| 14. ALKALINITY | 2 | 2 | | | | | 2 | |
| 15. | | | | | | | | |
| 16. | | | | | | | | |
| 17. | | | | | | | | |
| 18. | | | | | | | | |
| 19. | | | | | | | | |

## F. OPERATION AND MAINTENANCE COST FOR PLANT

| YEAR OF OPERATION | SALARIES/WAGES | ELECTRICITY | CHEMICALS | MAINTENANCE | OTHER ITEMS | TOTAL |
|---|---|---|---|---|---|---|
| MOST CURRENT YEAR 19 | | | | | | |
| PRIOR YEAR 1973 | 23824.00 | 3,000 | | 500.00 | 2,500.00 | |
| PRIOR YEAR 1972 | | | total Budget for | | 1973 WAS | 52,449.( |
| PRIOR YEAR 1971 | | | | | | |

| EVALUATION PERFORMED BY | TITLE | ORGANIZATION |
|---|---|---|
| | | |
| | | |
| | | |

| INFORMATION FURNISHED BY | TITLE | ORGANIZATION | DATE |
|---|---|---|---|
| DONALD S. GRUBB | CHIEF PLANT OPER. | CITY OF EPHRATA | 3-12-74 |
| | | | |
| | | | |

## G. NOTATIONS BY EVALUATOR

1. ADDITIONAL REMARKS *(If remarks refer to a particular item, identify by number)*

2. GENERAL COMMENTS ON HOUSEKEEPING AND MAINTENANCE

3. REQUIREMENTS OF HIGHER AUTHORITY

3A. DOES THE PLANT PROVIDE THE DEGREE OF TREATMENT PRESENTLY REQUIRED BY THE STATE? *(If no, explain)*

☐ YES ☐ NO

3B. ARE THERE ANY PENDING ACTIONS *(enforcement conferences, change in water quality standards, etc.)* THAT WOULD REQUIRE UPGRADING OF TREATMENT BY THIS PLANT?

☐ YES ☐ NO *(If yes, explain)*

3C. NUMBER OF STATE INSPECTIONS OF PRESENT PLANT TO DATE.

4. IS ANY FOLLOW-THRU ACTION REQUIRED TO (1) CORRECT DEFICIENCIES IN THE PLANT OR ITS OPERATION OR (2) RESOLVE INDUSTRIAL WASTE PROBLEMS? *(If yes, describe required corrective action)* ☐ YES ☐ NO