



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Richland County
Village of Bellville
NPDES Permit

August 3, 2007

Terry Gatton, Superintendent
Bellville WWTP
142 Park Place
Bellville, Ohio 44813

Dear Mr. Gatton,

On July 19, 2007, an inspection was made of the Village of Bellville WWTP located at 199 School Street, Bellville, Richland County. You were present to answer questions and provide a tour of the facilities. At the time of the inspection all major treatment units were in operation and functioning normally. No major concerns were noted.

The new comminutor, flow meter, screw pumps, and digester cover were all installed and in operation. The new sludge collectors and drive motors for the primary tanks were also in operation. During the tour we observed the lab area. It was mentioned that the balance used to weigh samples was fairly old and had not been professionally calibrated in sometime. We would recommend that the Village look to replace this equipment with a more modern and accurate balance.

A review of the monthly operating reports submitted to our office for July 2005 through June 2007 revealed several violations of the limits contained in your NPDES permit. Please refer to the attached sheet for a printout of these violations.

Your NPDES permit was modified in 2004 to include a schedule of compliance for meeting the final copper limit of 20.41 ug/L. This schedule required that a plan be submitted detailing what steps the Village would be taking in order to meet the final limit once it became effective. This plan was to have been submitted no later than July 1, 2005. As of the date of this letter our office has yet to receive the plan. The final effluent limit of 20.41 ug/L for copper went into effect on July 1, 2007. After reviewing the data for copper submitted since July 2005 your facility exceeded this limit every month except for two. It is apparent that the facility cannot meet this limit operating in it's current fashion. It will be necessary to submit a plan to our office **within 90 days** detailing how the copper limit will be met. Please refer to the schedule of compliance in your NPDES permit for what information should be contained in the plan.

If you have any further questions, please give me a call at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb
Enclosed

~~pc: NWDO-DSW File~~

GUIDE - VISUAL OBSERVATION - UNIT PROCESS

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation. *NE = not evaluated*

| | CONDITION OR APPEARANCE | RATING | COMMENTS |
|--|-----------------------------------|--------|---|
| GENERAL | GROUNDS | S | |
| | BUILDINGS | S | |
| | POTABLE WATER SUPPLY PROTECTION | NE | |
| | SAFETY FEATURES | S | |
| | BYPASSES | Out | |
| | STORMWATER OVERFLOWS | NA | |
| PRELIMINARY | MAINTENANCE OF COLLECTION SYSTEMS | NE | |
| | PUMP STATION | NA | |
| | VENTILATION | S | |
| | BAR SCREEN | NA | |
| | DISPOSAL OF SCREENINGS | S | |
| | COMMINUTOR | S | <i>new comminutor in service</i> |
| | GRIT CHAMBER | NA | |
| | DISPOSAL OF GRIT | NA | |
| PRIMARY | SETTLING TANKS | S | |
| | SCUM REMOVAL | S | <i>new sludge scrapers + drive motors in use.</i> |
| | SLUDGE REMOVAL | S | |
| | EFFLUENT | S | |
| SLUDGE DISPOSAL | DIGESTERS | S | |
| | TEMPERATURE AND PH | NA | |
| | GAS PRODUCTION | NA | |
| | HEATING EQUIPMENT | NA | |
| | SLUDGE PUMPS | S | |
| | DRYING BEDS | NA | |
| | VACUUM FILTER | NA | |
| | INCINERATION | NA | |
| DISPOSAL OF SLUDGE | S | | |
| OTHER | FLOW METER AND RECORDER | S | |
| | RECORDS | S | |
| | LAB CONTROLS | M | <i>recommend new balance in lab</i> |
| SECONDARY-TERTIARY (LIST ITEMS AS REQUIRED) | <i>Screw pumps</i> | In | <i>New motors + screws on both pumps</i> |
| | <i>RBC's</i> | In | <i>Both in use</i> |
| | <i>Secondary Clarifiers</i> | In | <i>okay</i> |
| CHLORINE | EFFLUENT | S | |
| | CHLORINATORS - UV | In | |
| | EFFECTIVE DOSAGE | | |
| | CONTACT TIME | | |
| | CONTACT TANK | | |
| | <i>Post Aeration</i> | In | |

ANNUAL BUDGET FOR MAINTAINING AND OPERATING PLANT

| SALARIES & WAGES | ELECTRICITY | CHEMICALS | MAINTENANCE | STAFFING & TRAINING | OTHER | TOTAL |
|------------------|-------------|-----------|-------------|---------------------|-------|-------|
| | | | | | | |

OPERATION AND MAINTENANCE INSPECTION
0.025 to 1.0 MGD

Application No. OH 0020265

Ohio Permit No. 2PB00057

Date 7/19/07 Time 11:00

Facility Name Village of Bellville WWTP

Facility Address 199 School Street

City Bellville County Richland

Township _____

Name and Address of Owner _____ Phone _____

Person Contacted Terry Gattor Phone 419-886-3043

Flow: Design 330,000 GPD Present ~250,000 GPD (metered - estimated)

Trib. Pop. _____ (actual-estimated) Weather at time of inspection 75° partly cloudy

OEPA Personnel Walter Ariss District NWDO

STORE I.D. No. 39 _____

| NOTATIONS BY EVALUATOR | | | | | | | |
|---|-------|-------------------------------------|-------------------------------------|-------------------------|-------|-------------------------------------|-------------------------------------|
| 1. OPERATION AND MAINTENANCE PROBLEMS DEFICIENCIES | | | | | | | |
| CHECK EACH OF THE FOLLOWING ITEMS IN TERMS OF THEIR ESTIMATED ADVERSE EFFECTS ON THE PERFORMANCE OF THE PLANT | | | | | | | |
| ITEM | MAJOR | MINOR | NONE | ITEM | MAJOR | MINOR | NONE |
| STAFF COMPLEMENT | | <input checked="" type="checkbox"/> | | OVERLOADS (type) | | | |
| PERSONNEL TRAINING | | | <input checked="" type="checkbox"/> | HYDRAULIC | | | <input checked="" type="checkbox"/> |
| OPERATOR BUDGET | | | <input checked="" type="checkbox"/> | PERIODIC | | | |
| LABORATORY CONTROL | | <input checked="" type="checkbox"/> | | CONTINUOUS | | | |
| INSTRUMENTATION | | | <input checked="" type="checkbox"/> | ORGANIC | | | <input checked="" type="checkbox"/> |
| INDUSTRIAL WASTE | | | <input checked="" type="checkbox"/> | PERIODIC | | | |
| PLANT OBSOLESCENCE | | | <input checked="" type="checkbox"/> | CONTINUOUS | | | |
| EQUIPMENT FAILURE: | | | | OVERLOAD CAUSES: | | | |
| TREATMENT PROCESSES | | | <input checked="" type="checkbox"/> | INFILTRATION | | <input checked="" type="checkbox"/> | |
| SLUDGE HANDLING AND PROCESSING | | <input checked="" type="checkbox"/> | | COMBINED SEWERS | | | |
| | | | | INDUSTRIAL GROWTH | | | |
| EQUIPMENT MAINTENANCE | | | <input checked="" type="checkbox"/> | RAPID POPULATION GROWTH | | | |
| SPARE PARTS INVENTORY | | | <input checked="" type="checkbox"/> | INCREASED SERVICE AREA | | | |
| POWER FAILURE | | | <input checked="" type="checkbox"/> | OTHER: | | | |
| | | | | OTHER: | | | |

| 2. PLANT PERSONNEL INVENTORY | | | | | | | | |
|----------------------------------|--------------------|--------|-----------------|-----------------|--------------------|----------------------|--|--|
| PERSONNEL CLASSIFICATION (a.) | EMPLOYMENT (b.) | | | | (c.) CERTIFICATION | | TRAINING REQUIRED NEXT 12 MONTHS (d.) | |
| | ACTUAL | | NUMBER BUDGETED | NO. RECOMMENDED | VOLUNTARY | ACTUAL NO. CERTIFIED | NEW HIRES | UPGRADE (Promotion or skill improvement) |
| | MANHOURS PER WEEK | NUMBER | | | MANDATORY | | | |
| 1. MANAGEMENT SUPERVISOR | | | | | | | | |
| 2. OPERATOR | | | | | | | | |
| 3. LABORATORY | | | | | | | | |
| 4. MAINTENANCE | | | | | | | | |
| 5. OTHER PLANT WORKERS | | | | | | | | |
| 6. OTHER OFFICE WORKERS | | | | | | | | |
| 7. TOTAL | | | | | | | | |

| 3. PURPOSE OF INSPECTION | | | | 4. GENERAL RATING | | | |
|---|--|------------------------------------|--|------------------------|--|-------------------------------------|--|
| <input type="checkbox"/> GRANT COMPLIANCE | | <input type="checkbox"/> FOLLOW-UP | | ACCEPTABLE | | <input checked="" type="checkbox"/> | |
| <input checked="" type="checkbox"/> PERMIT COMPLIANCE | | <input type="checkbox"/> OTHER: | | CONDITIONAL ACCEPTANCE | | | |
| EVALUATION PERFORMED BY | | TITLE | | ORGANIZATION | | DATE | |
| <u>Walter Ariss</u> | | <u>ES II</u> | | <u>OEPA</u> | | | |
| INFORMATION FURNISHED BY | | TITLE | | ORGANIZATION | | DATE | |
| <u>Terry Gattor</u> | | <u>Superintendent</u> | | <u>Bellville</u> | | | |