

MUNICIPAL FACILITY FACT SHEET

APPLICATION FOR
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT TO DISCHARGE TREATED WASTEWATER
TO WATERS OF THE UNITED STATES

Application No.: SC0039853
Permit Writer: Virginia Buff

Application Date: March 17, 2004

1. Synopsis of Application

(1) Name and Address of Applicant

Easley Combined Utilities
P.O. Box 619
Easley, SC 29641

For:

Middle Branch WWTP
Intersection of Middle Branch and Country Road S-4-94
2321 Old Pendleton Rd.
Anderson County

(2) Type of Facility

Municipal wastewater treatment plant
Publicly-owned treatment works (POTW)
Standard Industrial Classification Code: 4952

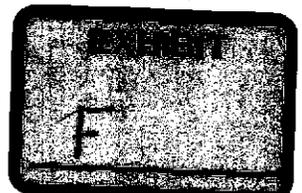
(3) Design Capacity of Facility

3.50 MGD

(4) Applicant's Receiving Water

Middle Branch to Brush Creek, which is listed on the CWA Section 303(d) list for fecal coliform and macroinvertebrate community data.

Latitude: 34° 46' 53"N Longitude: 82° 32' 04"W
See Attachment A for a sketch showing the location of the discharge.



average limit is needed for this discharge.

Parameter: Hexavalent Chromium, Total Cadmium, Total Lead; mg/l
Proposed Condition: No Limit; No Monitoring
Justification: The previous permit required monitoring and effluent limits for these parameters. Evaluation of these test results showed no RP to cause or contribute to water quality violations of these parameters. Thus, there is no justification to include a limit or reporting for these parameters. This evaluation is contained in the RP analysis EXCEL spreadsheet prepared by SCDHEC on May 16, 2005.

The permit conditions and limitations were taken from the following sources:

- The previous NPDES permit dated May 30, 2001
- Desktop modeling performed by SCDHEC on July 30, 2004
- The Clean Water Act (CWA).
- Title 40 CFR § 133.102.
- Mixing zone modeling information and data provided by the City through its consultant transmitted by cover letter dated July 22, 2005
- Chronic reasonable potential spreadsheet dated May 16, 2005, as prepared by SCDHEC
- Acute reasonable potential spreadsheet dated May 16, 2005, as prepared by SCDHEC
- Draft permit and fact sheet prepared by SCDHEC
- SC Reg. 61-68 (June 25, 2004)
- Recalculation Procedure prepared for Copper and toxicity identification evaluation as transmitted to EPA from Easley by cover letter dated 7/22/05

Except where otherwise stated, the monitoring requirements required in Part I of the permit were based on the Best Professional Judgement (BPJ) of the permit writer.

The permit conditions prohibiting floating solids and visible foam in other than trace amounts and prohibiting a visible sheen are consistent with the previous NPDES permit and the anti-backsliding provisions of 40 CFR § 122.44(l).

The sludge monitoring and reporting provisions in this permit conform with the requirements of Section 405 of the Water Quality Act Amendments of 1987. The permittee shall ensure that the sludge generated at this facility will be managed in accordance with use and disposal practices consistent with the requirements of 40 CFR Part 503 and Part 258. The monitoring and reporting requirements in these regulations have been incorporated into this permit by reference.

The pretreatment program requirements are in compliance with 40 CFR Part 403.

The permit requires a macroinvertebrate study to assess the biological health of the receiving stream under the authority of CWA § 308(a). This study is required to assure that there are no adverse impacts on the biological community of the receiving water attributable to this discharge. This study is also needed as the receiving stream is on the 303(d) list for biological impacts.

Consideration was given to the location of drinking water intakes. There was no downstream