

DATA ENTERED					
DATE RECEIVED	FACILITY NAME	COUNTY No.	PROGRAM AREA CODE	FACILITY TYPE CODE	SUBJECT AREA CODE
3 8/7/87	4 Washington Wastewater Treatment Facility	5 92	6 CP	7 C05	8 342
RULE REFERENCE	DESIGN STANDARD REFERENCE	DECISION		APPEAL ACTION	
9 567--64.2(9)	10 14.4.9.1	11 Approved 8-14-87		12	
ENGINEER		VARIANCE RULE			
13 City Engineer, Washington		14 64.2(9) "c"			

15. DESCRIPTION OF VARIANCE REQUESTED: _____

Delete bypass proposed to be added around the exist-
ing primary clarifier as part of plant improvements.

16. ENGINEERS JUSTIFICATION:

DNR required and Vecastre & Kimm agreed to provide the bypass in connection with improvements including an equalization basin. Equalization basin flow was to be returned ahead of the primary clarifier. City engineer performed design and relocated the equalization basin and returned flow from basin downstream of the primary clarifier. City engineer claims the bypass is no longer needed because all flow can be diverted to the equalization basin for primary treatment if the existing primary clarifier is removed from service for maintenance or repair.

17. DEPARTMENTS JUSTIFICATION:

A valid argument is presented and it appears the primary clarifier bypass is no longer needed and would not serve a useful function. Approval of the variance is recommended.

18. PRECEDENTS USED:

None available

19. STAFF REVIEWER:

Wagner A. Reed

20. SUPERVISOR:

Larry Hagg, Approved 8/13/87

21. AUTHORIZED BY:

Samuel H. Albright, Approved 9/4/87



COPY

TERRY E. BRANSTAD, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

LARRY J. WILSON, DIRECTOR

August 19, 1987

City of Washington
P.O. Box 516
Washington, IA 52353

RECORD COPY
File Name Washington - Sewage
Senders Initials JmE

PROJECT NO.: S87-168
FILE: Washington - Sewage
SUBJECT: Wastewater Treatment Facility

Gentlemen:

The Iowa Department of Natural Resources in accordance with Subrule 567-64.2(9)c of the Iowa Administrative Code has approved your request for a variance from Iowa Wastewater Facilities Design Standard 14.4.9.1 which requires bypassing around each unit operation. The request made was to delete the bypassing around the primary clarifier since this function would be adequately served by the equalization basin.

The engineering justification submitted substantially demonstrates that this variance will result in at least equivalent effectiveness while significantly reducing costs.

Sincerely,

DARREL McALLISTER
CHIEF
SURFACE & GROUNDWATER PROTECTION BUREAU

DM/mjt/M231MJT.12

cc: City Engineer, Washington
Field Office 6

THE CITY OF WASHINGTON
"Cleanest City in Iowa"

Raymond L. Minick, Mayor
Cohen L. Bond, Clerk
Stephen W. Dodd, Engineer
Craig Arbuckle, Attorney

P.O. Box 516
215 East Washington St.
Washington, Iowa 52353
Ph. 319-653-6584

August 5, 1987

Wayne Reed
Iowa DNR
Henry A. Wallace Bldg.
900 East Grand
Des Moines, IA 50319

Re: 1987 Sewage Treatment Plant Improvements

Dear Mr. Reed:

Please find enclosed addendum number 1 for this project which incorporates all of the revisions you requested for this project with the exception of the primary bypass line.

I am requesting a variance for the primary bypass line since a better bypass is available through the equalization basin. You will note it has been deleted from the plans. I trust we are in agreement that it is not necessary.

Thank you for your assistance in this matter.

Sincerely,



Stephen W. Dodd, P.E.
City Engineer