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NORTH CAROLINA
WATER TREATMENT FACILITY
OPERATORS CERTIFICATION BOARD
P. O. BOX 2091
RALEIGH, NORTH CAROLINA 27602
(919) 733-2321

April 10, 1987

04-67-047 CB 03/87 ONSLOW
USMC-LEJEUNE COURTHOUSE BAY
US MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542

Dear Sir:

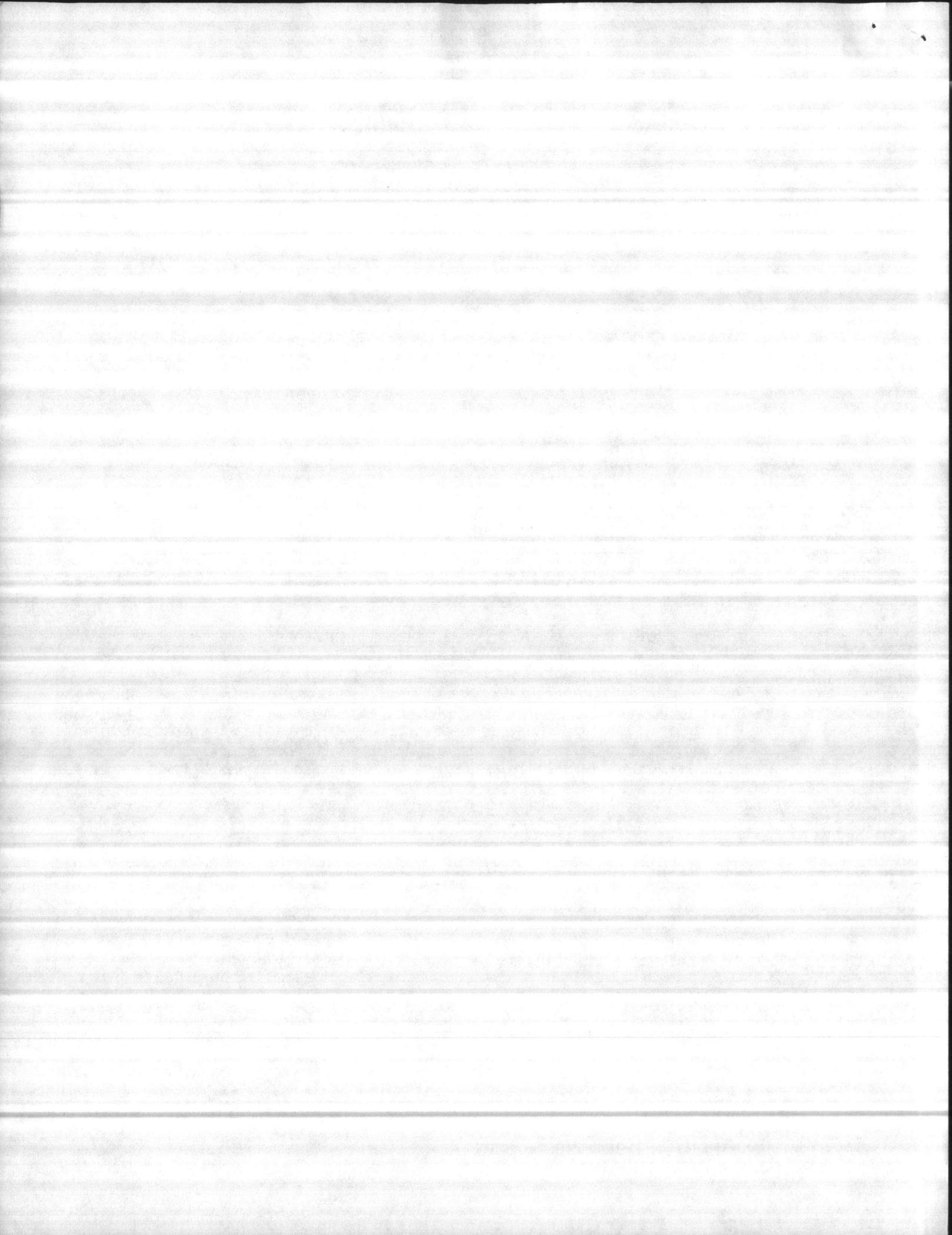
In accordance with G.S. 90A-22 Classification of water treatment facilities of the North Carolina General Statutes the water treatment facility serving the USMC-Lejeune Courthouse Bay was classified as a "B-Well" facility by the North Carolina Water Treatment Facility Operators Certification Board on January 13, 1987. The purpose of facility classification of public water supply systems is to adequately protect the public health and to determine the degree of skill, knowledge and experience that the operator responsible for the water treatment facility must have to supervise successfully the operation of the facility.

The USMC-Lejeune Courthouse Bay facilities had the following rating values and was classified as follows:

<u>System</u>	<u>Points</u>	<u>Class</u>
USMC-Lejeune Courthouse Bay	52	"B-Well"

A copy of the rating value form is enclosed for your information.

In determining the classification an on-site evaluation of the treatment facility is conducted by a representative of the Public Water Supply Branch, Environmental Health Section, Division of Health Services, Department of Human Resources and a recommended classification is submitted to the Certification Board. The classification is based on a point system as contained in Regulation 10 NCAC 10E .0203 and .0204 Rules Governing Water Treatment Facility Operators. A copy of these Rules is enclosed. Classification of the facility is based on the total number of points assigned to the facility contained in 10 NCAC 10E .0205.



US Marine Corps
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April 10, 1987

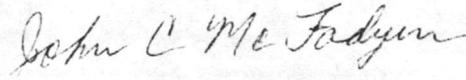
The North Carolina General Statutes and the Rules Governing Water Treatment Facility Operators require that the operator in responsible charge of a water treatment facility hold a certificate equal to or higher than the classification of the facility. If the responsible operator does not hold the appropriate certificate, the water system owner is responsible for obtaining the services of a qualified operator having the appropriate certificate within a reasonable period of time after classification or reclassification of the facility.

The responsible operator in charge of the USMC-Lejeune Courthouse Bay facility is required to hold a valid "B-Well" Certificate issued by the North Carolina Water Treatment Facility Operators Certification Board. He shall be employed no later than September 15, 1988.

In order to keep our records current, the water system owner is requested to inform the Board of any change of the operator in responsible charge.

If you have any questions concerning this matter, please call me or Ms. Lena C. Perry, Certification Board Secretary at telephone (919) 733-2321.

Very truly yours,

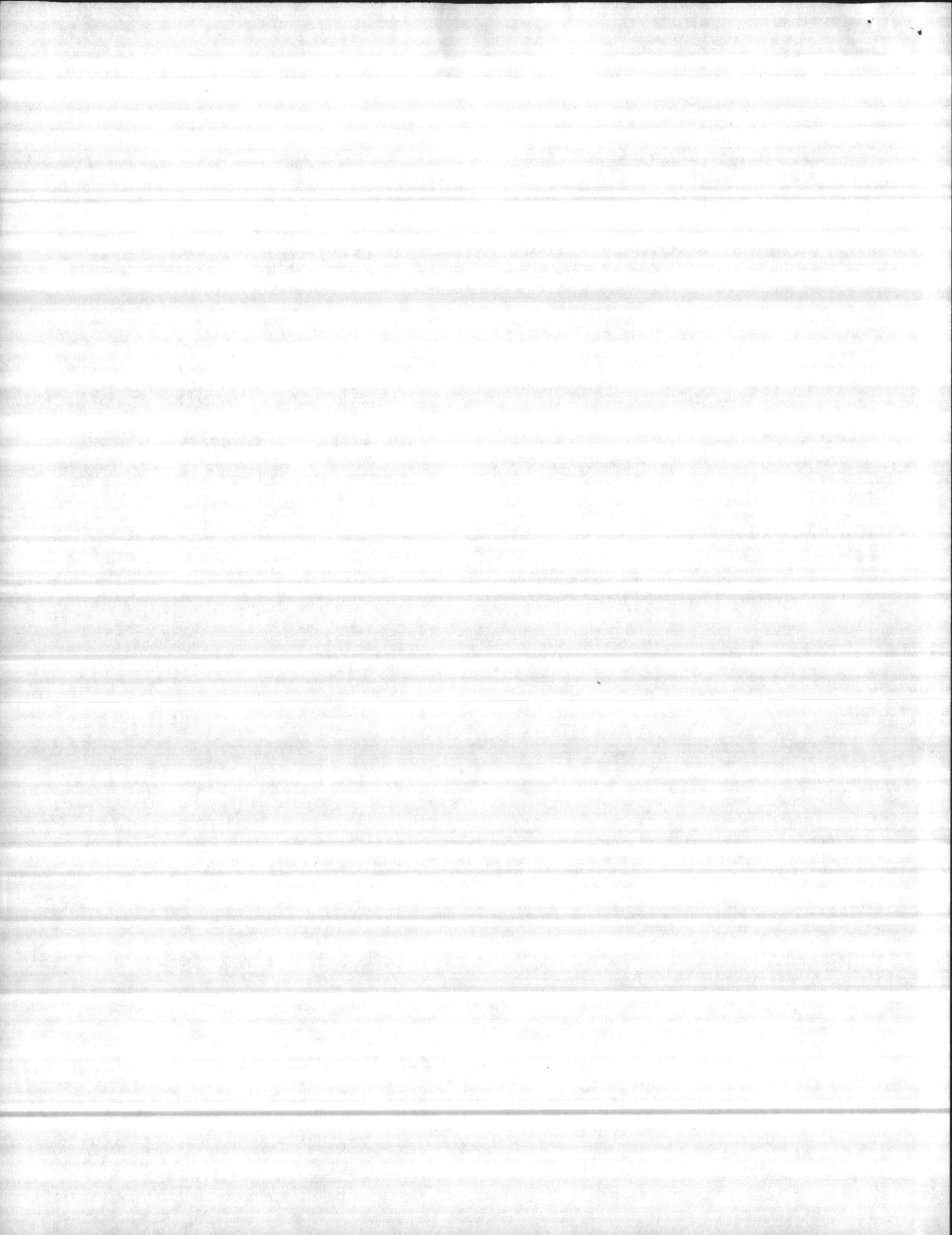


John C. McFadyen, Chairman
North Carolina Water Treatment Facility
Operators Certification Board

JCM:lcp

Enclosures

cc: Regional Engineer



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
 WATER TREATMENT FACILITY OPERATORS BOARD OF CERTIFICATION
 RATING VALUES FOR CLASSIFICATION OF WATER SUPPLY WORKS

04-67-047

NAME OF WATER TREATMENT FACILITY USMC Camp Lejeune - Courthouse Bldg

CLASSIFICATION ASSIGNED FACILITY AND LEVEL OF CERTIFICATE REQUIRED B-W

GRADE CERTIFICATE HELD BY OPERATOR IN RESPONSIBLE CHARGE A
 Grade

NAME B.M. Frazelle
 (Operator)

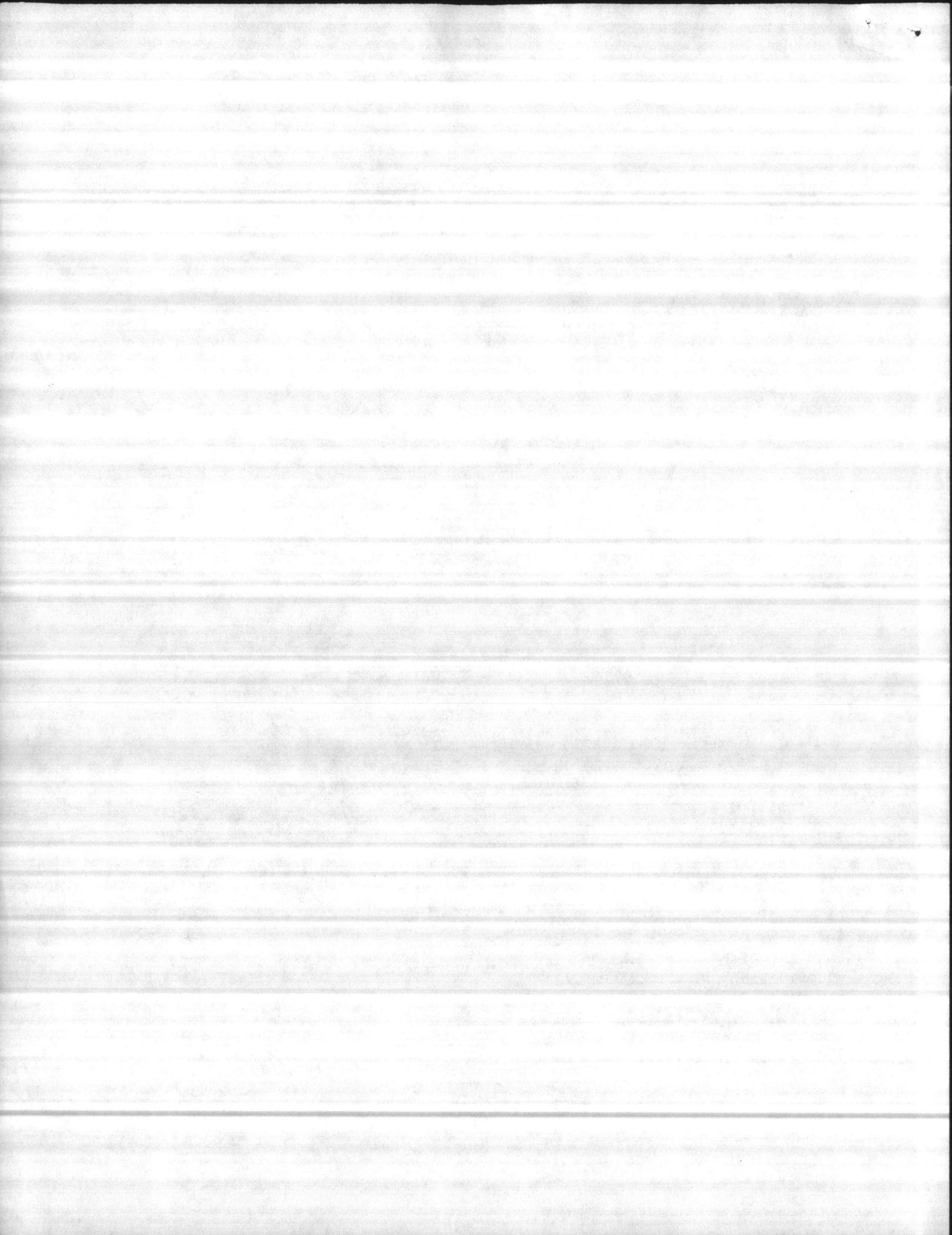
OTHER OPERATORS

NAME GRADE CERTIFICATE HELD IF ANY

see list

<u>UNIT</u>	<u>RATING VALUE</u>	<u>ASSIGNED VALUE</u>
Ground-----	3	
Surface-----	5	
Surface with Reservoir-----	6	
Coliform Bacteria less than 1.0 per 100 ml-----	2	
Coliform Bacteria 1.0 - 100 per 100 ml-----	4	
Coliform Bacteria 100 - 1000 per 100 ml-----	6	
Coliform Bacteria 1000 - 5000 per 100 ml-----	8	
Coliform Bacteria 5000 - 20000 per 100 ml-----	12	
Aeration-----	2	
Coagulation-----	10	2
Sedimentation-----	5	
Filtration-----	10	10
Disinfection-----	10	10
Ion Exchange-----	5	5
Adsorption-----	2	
Chemical Oxidation-----	2	
Softening-----	2	
Stabilization-----	2	2
Fluoridation-----	10	
Raw Water Pumping-----	5	5
Receiving Basin-----	1	
Finished Water Pumping-----	5	5
Storage at Plant-----	1	1
Storage - System-----	2	2
Pumpage - from attached chart-----	1-50	5
(452 mb)		
TOTAL POINTS		52

DATE 4-10-86





JOHN C. MCFADYEN
CHAIRMAN

RAY FOGLEMAN
GRAHAM

JOE C. STOWE, JR.
VICE-CHAIRMAN

STEVE WYATT
CHADBOURN

TOM C. FLOWERS
FAYETTEVILLE

NORTH CAROLINA
WATER TREATMENT FACILITY
OPERATORS CERTIFICATION BOARD
P. O. BOX 2091
RALEIGH, NORTH CAROLINA 27602
(919) 733-2321

WILLIAM E. DE JARNETTE
STONY POINT

DR. WILLIAM S. GALLER
RALEIGH

MARSHALL T. WHITE
RIEGELWOOD

April 10, 1987

04-67-043 CB 03/87 ONSLOW
USMC-LEJEUNE HOLCOMB BOULEVARD
US MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542

Dear Sir:

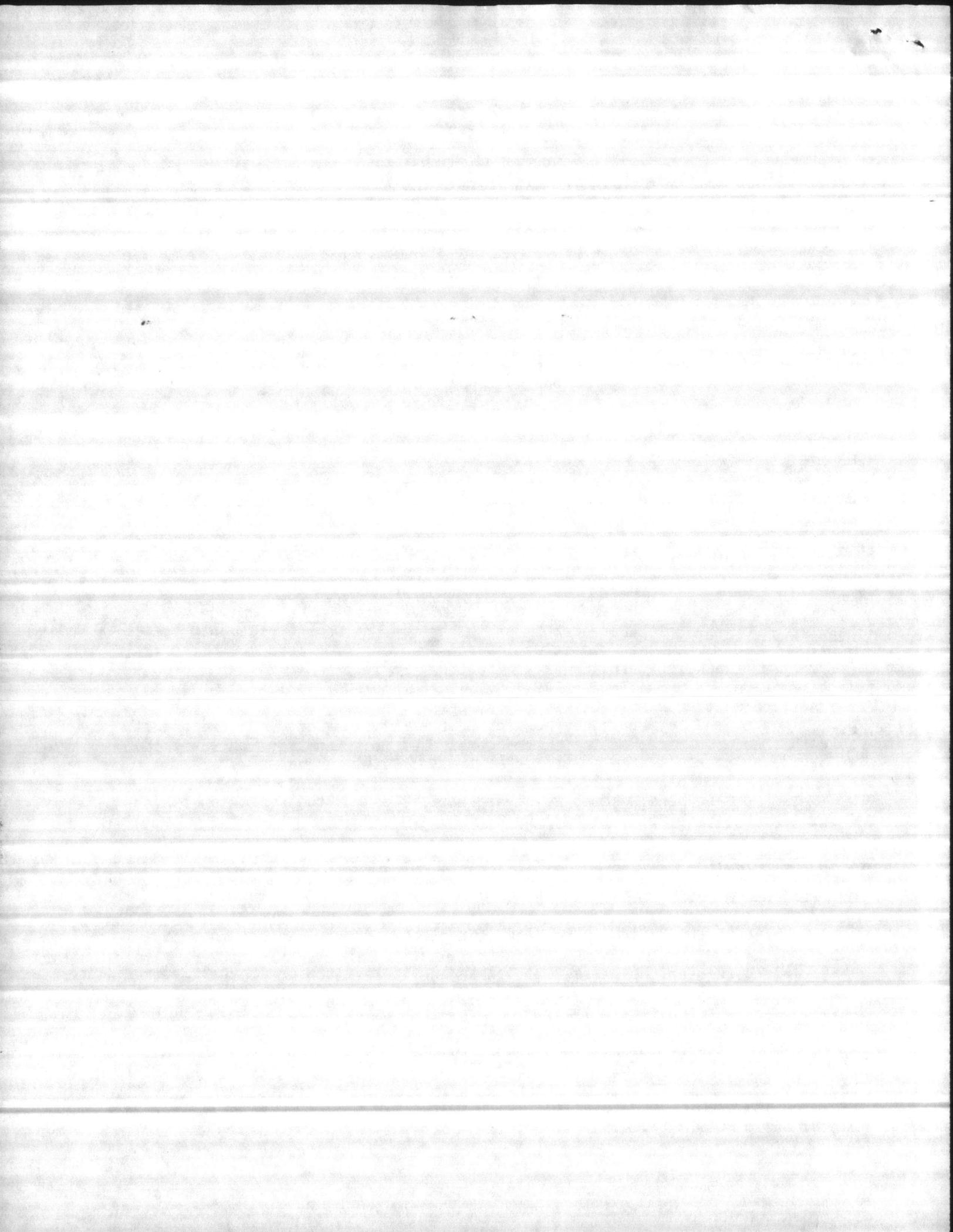
In accordance with G.S. 90A-22 Classification of water treatment facilities of the North Carolina General Statutes the water treatment facility serving the USMC-Lejeune Holcomb Boulevard was classified as a "B-Well" facility by the North Carolina Water Treatment Facility Operators Certification Board on January 13, 1987. The purpose of facility classification of public water supply systems is to adequately protect the public health and to determine the degree of skill, knowledge and experience that the operator responsible for the water treatment facility must have to supervise successfully the operation of the facility.

The USMC-Lejeune Holcomb Boulevard facilities had the following rating values and was classified as follows:

<u>System</u>	<u>Points</u>	<u>Class</u>
USMC-Lejeune Holcomb Boulevard	72	"B-Well"

A copy of the rating value form is enclosed for your information.

In determining the classification an on-site evaluation of the treatment facility is conducted by a representative of the Public Water Supply Branch, Environmental Health Section, Division of Health Services, Department of Human Resources and a recommended classification is submitted to the Certification Board. The classification is based on a point system as contained in Regulation 10 NCAC 10E .0203 and .0204 Rules Governing Water Treatment Facility Operators. A copy of these Rules is enclosed. Classification of the facility is based on the total number of points assigned to the facility contained in 10 NCAC 10E .0205.



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April 10, 1987

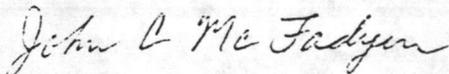
The North Carolina General Statutes and the Rules Governing Water Treatment Facility Operators require that the operator in responsible charge of a water treatment facility hold a certificate equal to or higher than the classification of the facility. If the responsible operator does not hold the appropriate certificate, the water system owner is responsible for obtaining the services of a qualified operator having the appropriate certificate within a reasonable period of time after classification or reclassification of the facility.

The responsible operator in charge of the USMC-Lejeune Holcomb Boulevard facility is required to hold a valid "B-Well" Certificate issued by the North Carolina Water Treatment Facility Operators Certification Board. He shall be employed no later than September 15, 1988.

In order to keep our records current, the water system owner is requested to inform the Board of any change of the operator in responsible charge.

If you have any questions concerning this matter, please call me or Ms. Lena C. Perry, Certification Board Secretary at telephone (919) 733-2321.

Very truly yours,

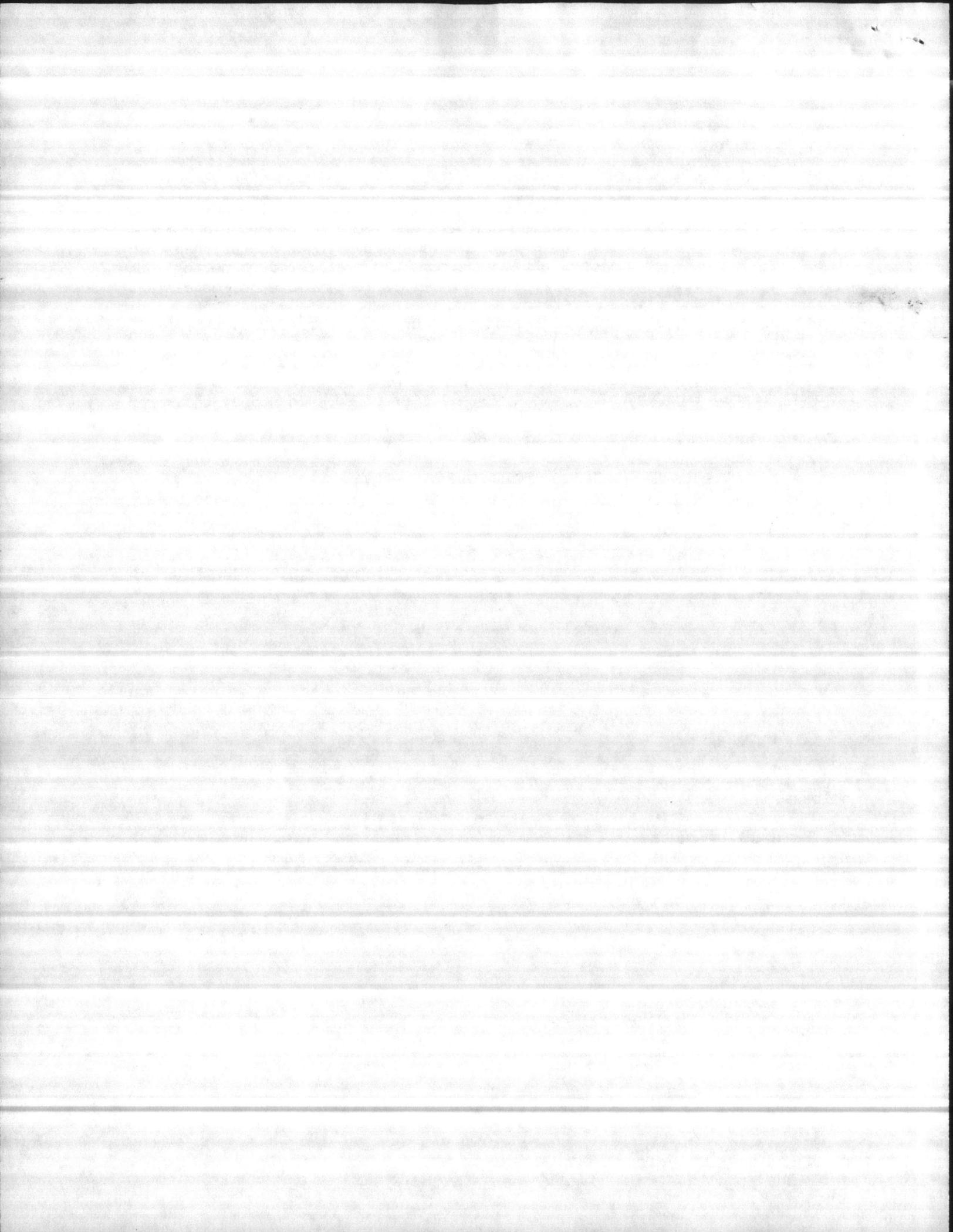


John C. McFadyen, Chairman
North Carolina Water Treatment Facility
Operators Certification Board

JCM:lcp

Enclosures

cc: Regional Engineer



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
 WATER TREATMENT FACILITY OPERATORS BOARD OF CERTIFICATION
 RATING VALUES FOR CLASSIFICATION OF WATER SUPPLY WORKS

04-67-043

NAME OF WATER TREATMENT FACILITY USMC Camp Lejeune - Holcomb Blvd.

CLASSIFICATION ASSIGNED FACILITY AND LEVEL OF CERTIFICATE REQUIRED B-W

GRADE CERTIFICATE HELD BY OPERATOR IN RESPONSIBLE CHARGE A
 Grade

NAME B. M. Frazelle
 (Operator)

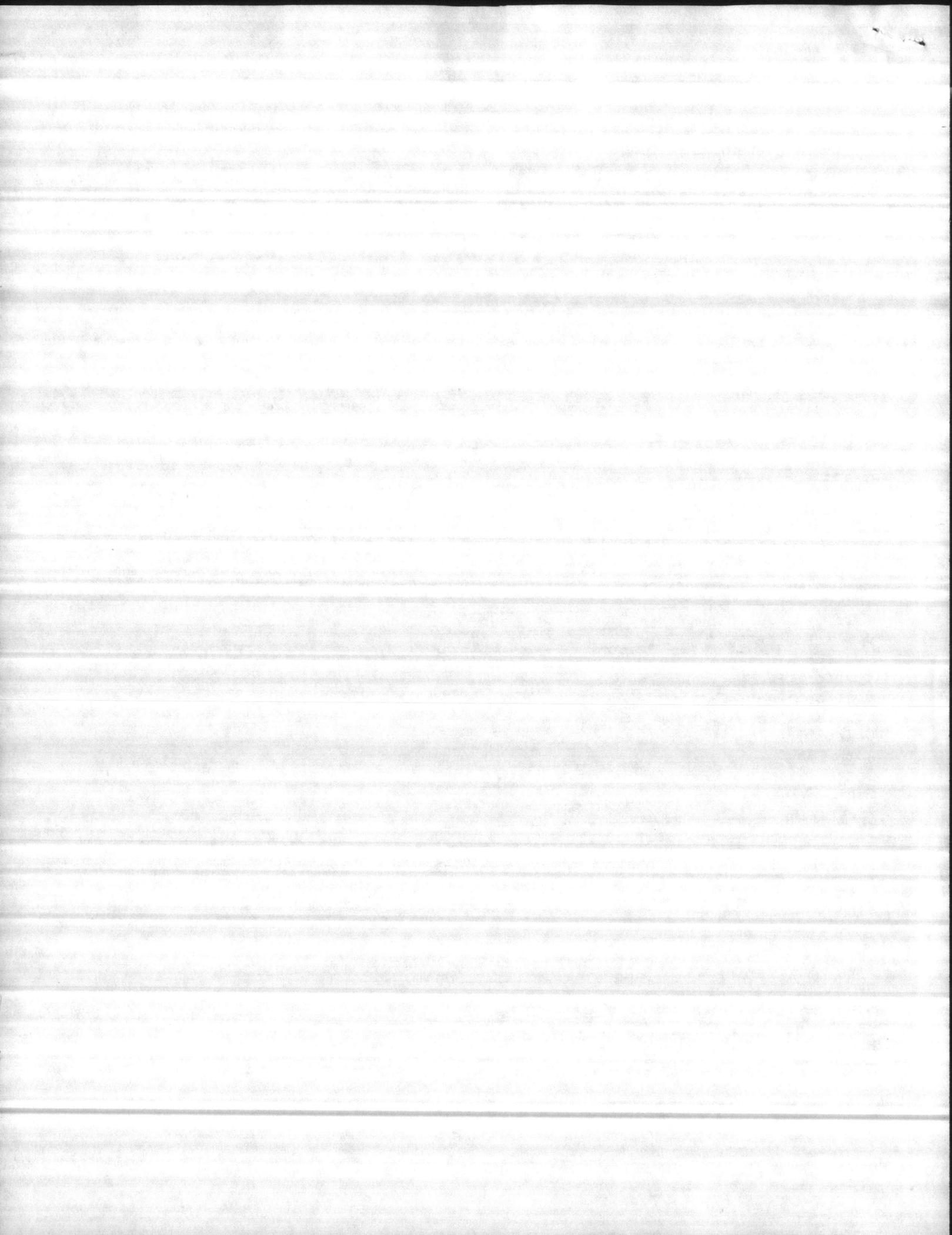
OTHER OPERATORS

NAME GRADE CERTIFICATE HELD IF ANY

see list

<u>UNIT</u>	<u>RATING VALUE</u>	<u>ASSIGNED VALUE</u>
Ground-----	3	<u>3</u>
Surface-----	5	<u>5</u>
Surface with Reservoir-----	6	<u>6</u>
Coliform Bacteria less than 1.0 per 100 ml-----	2	<u>2</u>
Coliform Bacteria 1.0 - 100 per 100 ml-----	4	<u>4</u>
Coliform Bacteria 100 - 1000 per 100 ml-----	6	<u>6</u>
Coliform Bacteria 1000 - 5000 per 100 ml-----	8	<u>8</u>
Coliform Bacteria 5000 - 20000 per 100 ml-----	12	<u>12</u>
Aeration-----	2	<u>2</u>
Coagulation----- <u>SEDIMENTATION - (line)</u>	10	<u>10</u>
Sedimentation-----	5	<u>5</u>
Filtration-----	10	<u>10</u>
Disinfection-----	10	<u>10</u>
Ion Exchange-----	5	<u>5</u>
Adsorption-----	2	<u>2</u>
Chemical Oxidation-----	2	<u>2</u>
Softening-----	2	<u>2</u>
Stabilization-----	2	<u>2</u>
Fluoridation-----	10	<u>10</u>
Raw Water Pumping-----	5	<u>5</u>
Receiving Basin-----	1	<u>1</u>
Finished Water Pumping-----	5	<u>5</u>
Storage at Plant-----	1	<u>1</u>
Storage - System-----	2	<u>2</u>
Pumpage - from attached chart-----	1-50	<u>12</u>
(1,204 mg)		
TOTAL POINTS		<u>72</u>

DATE 4-10-86





JOHN C. MCFADYEN
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JOE C. STOWE, JR.
VICE-CHAIRMAN

TOM C. FLOWERS
FAYETTEVILLE

DR. WILLIAM S. GALLER
RALEIGH

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CHADBOURN

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STONY POINT

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RIEGELWOOD

NORTH CAROLINA
WATER TREATMENT FACILITY
OPERATORS CERTIFICATION BOARD
P. O. BOX 2091
RALEIGH, NORTH CAROLINA 27602
(919) 733-2321

April 10, 1987

04-67-045 CB 03/87 ONSLOW
USMC-LEJEUNE CAMP JOHNSON
US MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542

Dear Sir:

In accordance with G.S. 90A-22 Classification of water treatment facilities of the North Carolina General Statutes the water treatment facility serving the USMC-Lejeune Camp Johnson was classified as a "B-Well" facility by the North Carolina Water Treatment Facility Operators Certification Board on January 13, 1987. The purpose of facility classification of public water supply systems is to adequately protect the public health and to determine the degree of skill, knowledge and experience that the operator responsible for the water treatment facility must have to supervise successfully the operation of the facility.

The USMC Lejeune Camp Johnson facilities had the following rating values and was classified as follows:

<u>System</u>	<u>Points</u>	<u>Class</u>
USMC-Lejeune Camp Johnson	41	"B-Well"

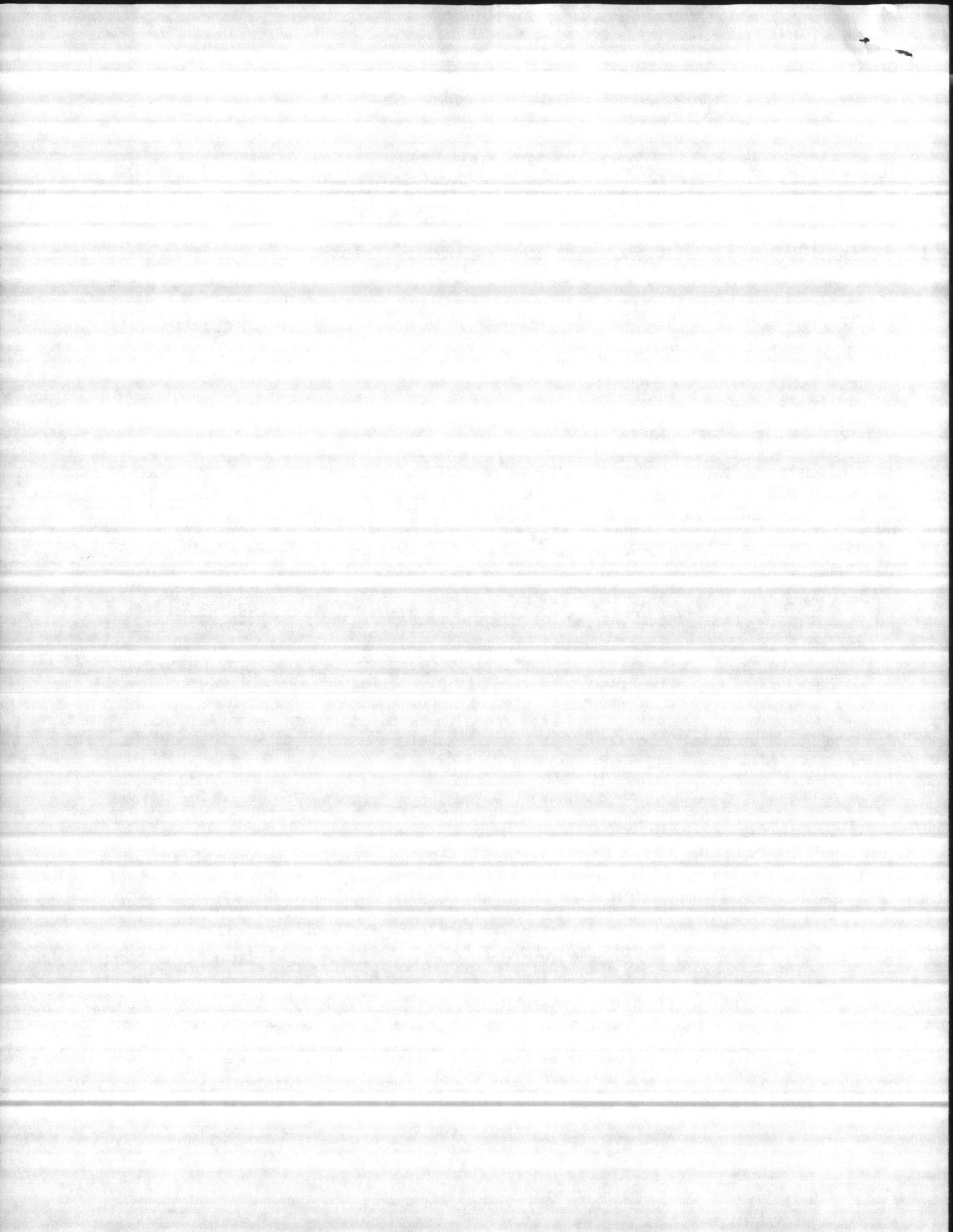
A copy of the rating value form is enclosed for your information.

In determining the classification an on-site evaluation of the treatment facility is conducted by a representative of the Public Water Supply Branch, Environmental Health Section, Division of Health Services, Department of Human Resources and a recommended classification is submitted to the Certification Board. The classification is based on a point system as contained in Regulation 10 NCAC 10E .0203 and .0204 Rules Governing Water Treatment Facility Operators. A copy of these Rules is enclosed. Classification of the facility is based on the total number of points assigned to the facility contained in 10 NCAC 10E .0205.

NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES

JAMES G. MARTIN, GOVERNOR

David T. Flaherty, Secretary



US Marine Corps
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April 10, 1987

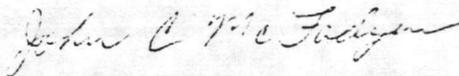
The North Carolina General Statutes and the Rules Governing Water Treatment Facility Operators require that the operator in responsible charge of a water treatment facility hold a certificate equal to or higher than the classification of the facility. If the responsible operator does not hold the appropriate certificate, the water system owner is responsible for obtaining the services of a qualified operator having the appropriate certificate within a reasonable period of time after classification or reclassification of the facility.

The responsible operator in charge of the USMC-Lejeune Camp Johnson facility is required to hold a valid "B-Well" Certificate issued by the North Carolina Water Treatment Facility Operators Certification Board. He shall be employed no later than September 15, 1988.

In order to keep our records current, the water system owner is requested to inform the Board of any change of the operator in responsible charge.

If you have any questions concerning this matter, please call me or Ms. Lena C. Perry, Certification Board Secretary at telephone (919) 733-2321.

Very truly yours,

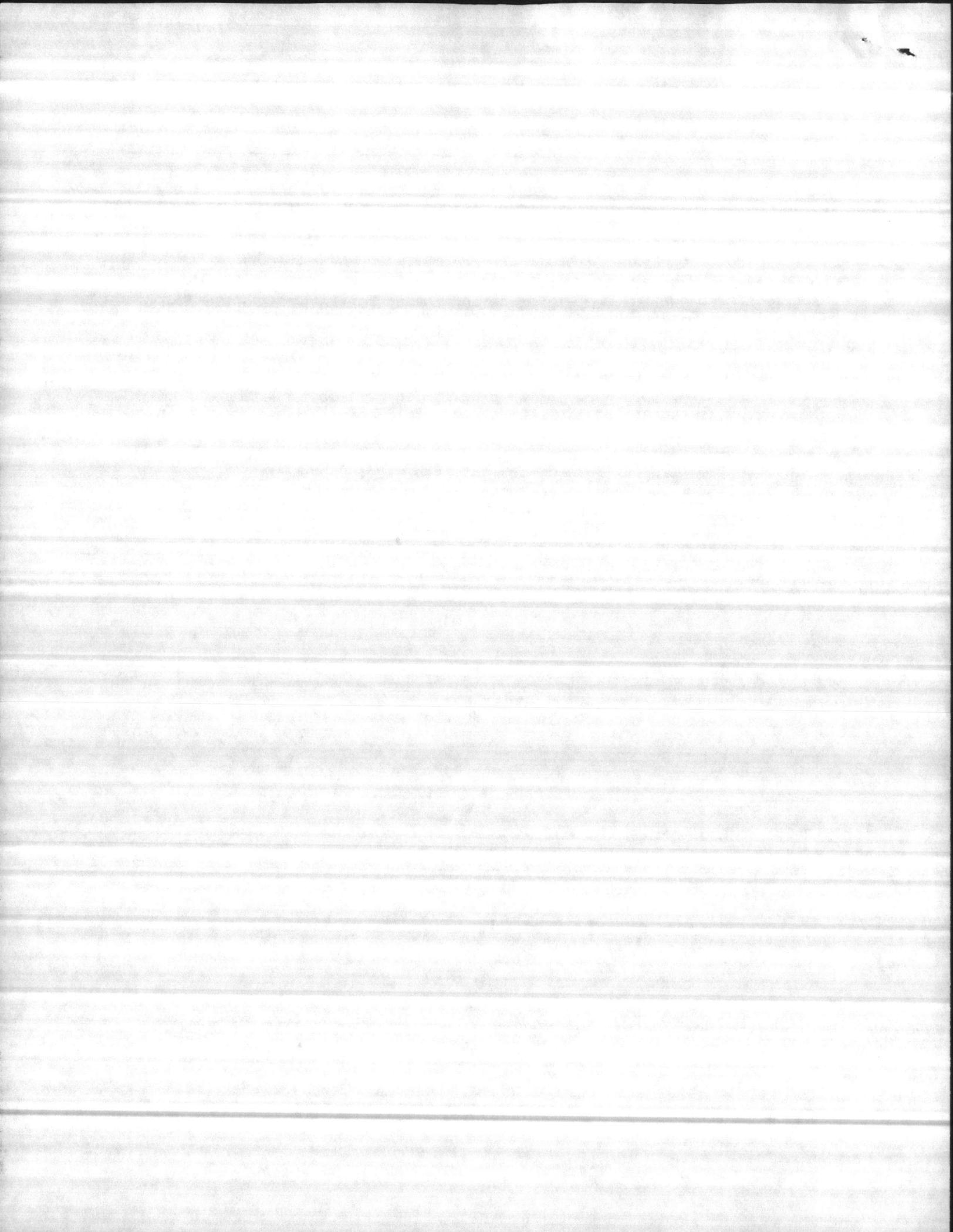


John C. McFadyen, Chairman
North Carolina Water Treatment Facility
Operators Certification Board

JCM:lcp

Enclosures

cc: Regional Engineer



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
 WATER TREATMENT FACILITY OPERATORS BOARD OF CERTIFICATION
 RATING VALUES FOR CLASSIFICATION OF WATER SUPPLY WORKS

04-67-045

NAME OF WATER TREATMENT FACILITY USMC Camp Lejeune - PWD-JOHNSON

CLASSIFICATION ASSIGNED FACILITY AND LEVEL OF CERTIFICATE REQUIRED B-W

GRADE CERTIFICATE HELD BY OPERATOR IN RESPONSIBLE CHARGE L
 Grade

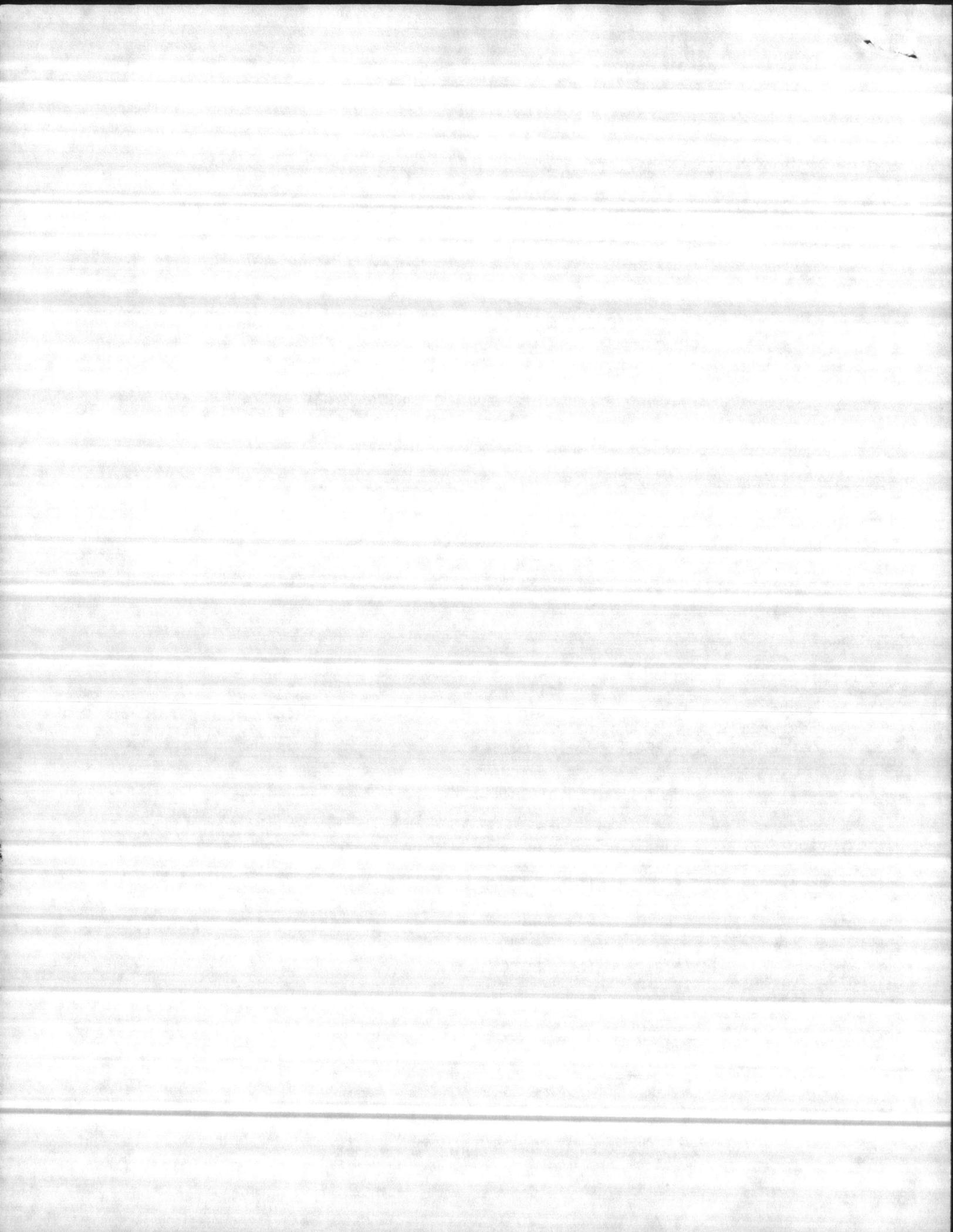
NAME B.M. Frazele
 (Operator)

OTHER OPERATORS

<u>NAME</u>	<u>GRADE CERTIFICATE HELD IF ANY</u>

<u>UNIT</u>	<u>RATING VALUE</u>	<u>ASSIGNED VALUE</u>
Ground-----	3	
Surface-----	5	
Surface with Reservoir-----	6	
Coliform Bacteria less than 1.0 per 100 ml-----	2	
Coliform Bacteria 1.0 - 100 per 100 ml-----	4	
Coliform Bacteria 100 - 1000 per 100 ml-----	6	
Coliform Bacteria 1000 - 5000 per 100 ml-----	8	
Coliform Bacteria 5000 - 20000 per 100 ml-----	12	
Aeration-----	2	
Coagulation-----	10	
Sedimentation-----	5	
Filtration-----	10	
Disinfection-----	10	10
Ion Exchange-----	5	5
Adsorption-----	2	
Chemical Oxidation-----	2	
Softening-----	2	2
Stabilization-----	2	2
Fluoridation-----	10	
Raw Water Pumping-----	5	5
Receiving Basin-----	1	
Finished Water Pumping-----	5	5
Storage at Plant-----	1	1
Storage - System-----	2	2
Pumpage - from attached chart-----	1-50	2
(.340 mg)		
TOTAL POINTS		41

DATE 4-10-86





JOHN C. MCFADYEN
CHAIRMAN

JOE C. STOWE, JR.
VICE-CHAIRMAN

TOM C. FLOWERS
FAYETTEVILLE

DR. WILLIAM S. GALLER
RALEIGH

RAY FOGLEMAN
GRAHAM

STEVE WYATT
CHADBOURN

WILLIAM E. DE JARNETTE
STONY POINT

MARSHALL T. WHITE
RIEGELWOOD

NORTH CAROLINA
WATER TREATMENT FACILITY
OPERATORS CERTIFICATION BOARD
P. O. BOX 2091
RALEIGH, NORTH CAROLINA 27602
(919) 733-2321

April 10, 1987

04-67-044 CB 03/87 ONSLOW
USMC-LEJEUNE TARAWA TERRACE
US MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NC 28542

Dear Sir:

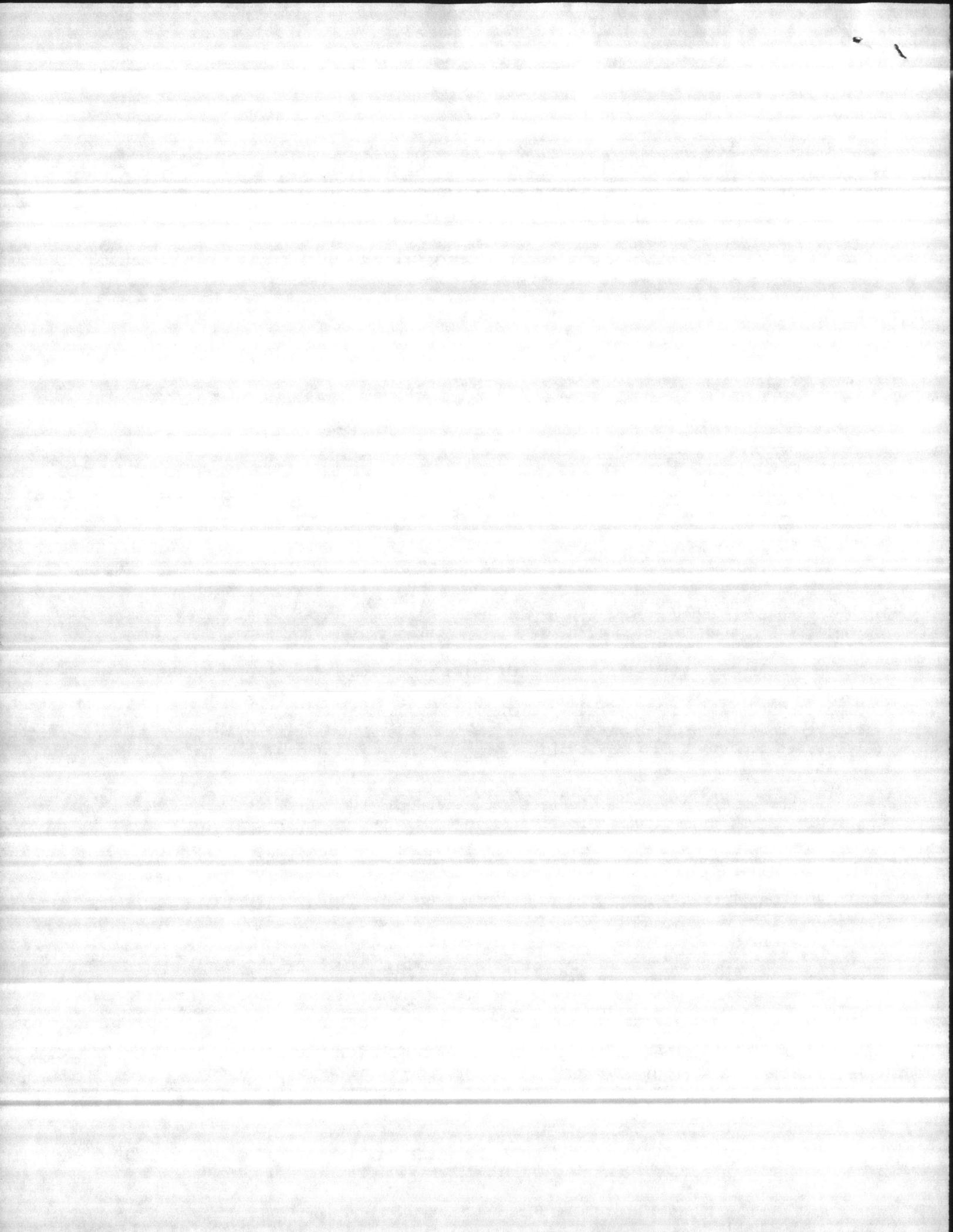
In accordance with G.S. 90A-22 Classification of water treatment facilities of the North Carolina General Statutes the water treatment facility serving the USMC-Lejeune Tarawa Terrace was classified as a "B-Well" facility by the North Carolina Water Treatment Facility Operators Certification Board on January 13, 1987. The purpose of facility classification of public water supply systems is to adequately protect the public health and to determine the degree of skill, knowledge and experience that the operator responsible for the water treatment facility must have to supervise successfully the operation of the facility.

The USMC-Lejeune Taraw Terrace facilities had the following rating values and was classified as follows:

<u>System</u>	<u>Points</u>	<u>Class</u>
USMC-Lejeune Tarawa Terrace	68	"B-Well"

A copy of the rating value form is enclosed for your information.

In determining the classification an on-site evaluation of the treatment facility is conducted by a representative of the Public Water Supply Branch, Environmental Health Section, Division of Health Services, Department of Human Resources and a recommended classification is submitted to the Certification Board. The classification is based on a point system as contained in Regulation 10 NCAC 10E .0203 and .0204 Rules Governing Water Treatment Facility Operators. A copy of these Rules is enclosed. Classification of the facility is based on the total number of points assigned to the facility contained in 10 NCAC 10E .0205.



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April 10, 1987

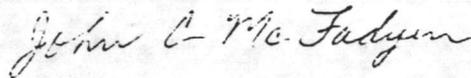
The North Carolina General Statutes and the Rules Governing Water Treatment Facility Operators require that the operator in responsible charge of a water treatment facility hold a certificate equal to or higher than the classification of the facility. If the responsible operator does not hold the appropriate certificate, the water system owner is responsible for obtaining the services of a qualified operator having the appropriate certificate within a reasonable period of time after classification or reclassification of the facility.

The responsible operator in charge of the USMC-Lejeune Tarawa Terrace facility is required to hold a valid "B-Well" Certificate issued by the North Carolina Water Treatment Facility Operators Certification Board. He shall be employed no later than September 15, 1988.

In order to keep our records current, the water system owner is requested to inform the Board of any change of the operator in responsible charge.

If you have any questions concerning this matter, please call me or Ms. Lena C. Perry, Certification Board Secretary at telephone (919) 733-2321.

Very truly yours,

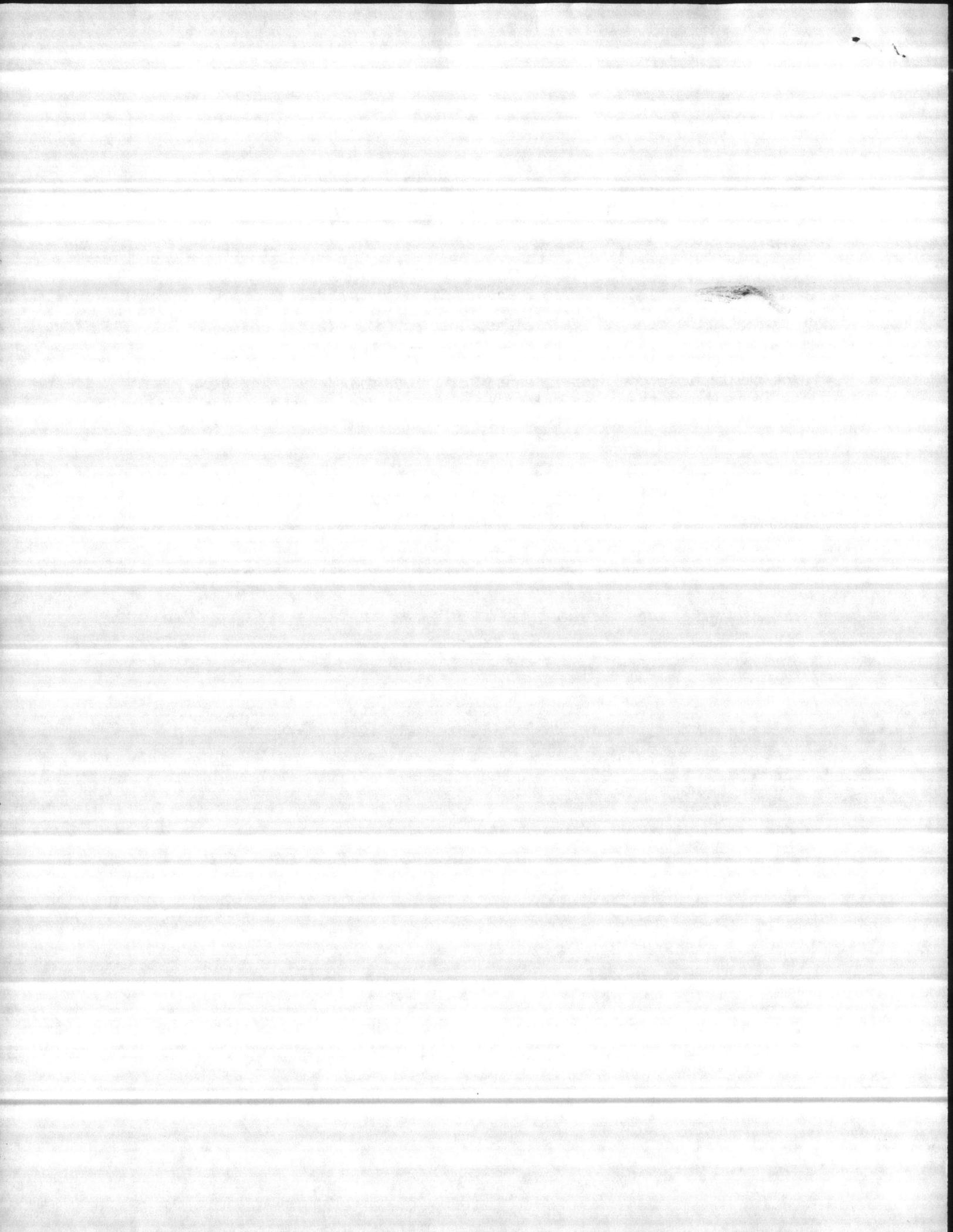


John C. McFadyen, Chairman
North Carolina Water Treatment Facility
Operators Certification Board

JCM:lcp

Enclosures

cc: Regional Engineer



NORTH CAROLINA DEPARTMENT OF HUMAN RESOURCES
 WATER TREATMENT FACILITY OPERATORS BOARD OF CERTIFICATION
 RATING VALUES FOR CLASSIFICATION OF WATER SUPPLY WORKS

04-67-044

NAME OF WATER TREATMENT FACILITY USMC - Lejeune TARRAWA TERRACE

CLASSIFICATION ASSIGNED FACILITY AND LEVEL OF CERTIFICATE REQUIRED B-W

GRADE CERTIFICATE HELD BY OPERATOR IN RESPONSIBLE CHARGE A
 Grade

NAME B. M. FRAZELLE
 (Operator)

OTHER OPERATORS

<u>NAME</u>	<u>GRADE CERTIFICATE HELD IF ANY</u>

<u>UNIT</u>	<u>RATING VALUE</u>	<u>ASSIGNED VALUE</u>
Ground-----	3	<u>3</u>
Surface-----	5	
Surface with Reservoir-----	6	
Coliform Bacteria less than 1.0 per 100 ml-----	2	<u>2</u>
Coliform Bacteria 1.0 - 100 per 100 ml-----	4	
Coliform Bacteria 100 - 1000 per 100 ml-----	6	
Coliform Bacteria 1000 - 5000 per 100 ml-----	8	
Coliform Bacteria 5000 - 20000 per 100 ml-----	12	
Aeration-----	2	
Coagulation----- <u>lime - SPIRATOR</u>	10	<u>10</u>
Sedimentation-----	5	
Filtration-----	10	<u>10</u>
Disinfection-----	10	<u>10</u>
Ion Exchange-----	5	<u>10</u>
Adsorption-----	2	
Chemical Oxidation-----	2	
Softening-----	2	
Stabilization-----	2	<u>2</u>
Fluoridation-----	10	
Raw Water Pumping-----	5	<u>10</u>
Receiving Basin-----	1	<u>5</u>
Finished Water Pumping-----	5	
Storage at Plant-----	1	<u>5</u>
Storage - System-----	2	<u>1</u>
Pumpage - from attached chart-----	1-50	<u>2</u>
	(1812 m6D)	<u>8</u>
TOTAL POINTS		<u>68</u>

DATE 4-10-86

