

Attachment C

ORDER NO. 94-36

Attachment C

ID# 3-272122001

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
81 Higuera Street, Suite 200
San Luis Obispo, California 93401-5427

ORDER NO. 94-36

WASTE DISCHARGE REQUIREMENTS
FOR
DOLE FRESH VEGETABLES, INC.
MONTEREY COUNTY

The California Regional Water Quality Control Board, Central Coast Region (hereafter Board), finds:

1. Gary J. Bettencourt filed a Report of Waste Discharge on December 24, 1993 in accordance with Section 13260 of the California Water Code. The report was filed on behalf of Dole Fresh Vegetables, Inc. for authorization to discharge vegetable process water within the Salinas Hydrologic unit, lower forebay. The information supports a request for issuance of Waste Discharge Requirements.
2. Dole Fresh Vegetables Inc.(hereafter Discharger), operates a wastewater treatment and disposal system located at 32655 Camphora-GloriaRoad, Soledad California. The facilities are as shown on Attachment "A" of this Order.
3. Domestic wastewater generated by Dole Fresh Vegetables, Inc. will be conveyed to and treated by the City of Soledad's wastewater treatment facility.
4. An weekly average of 0.600 million gallons per day (2270 m³/day) of industrial wastewater will be treated and discharged at this facility, however the wastewater treatment and disposal system has a design capacity of 1.0 MGD Treatment will consist of screening and aeration. Reclaimed water will be used to irrigate alfalfa, kale, and turfgrass on property controlled by the Discharger. Peak daily flow will be 1 million gallons per day when plant is operating at full capacity.
5. The discharge area is located on slightly sloped topography consisting of gravelly, sandy loam(silt) soils to a depth of 80 inches. Depth to ground water is approximately 42 feet. Ground water samples taken from water supply wells on the property indicate the following water quality:

Total Dissolved Solids	542 mg/l
Sodium	46 mg/l
Chloride	53 mg/l
Nitrate (as N)	1.5 mg/l
Sulfate	160 mg/l
pH	7.0 std
6. The Water Quality Control Plan, Central Coastal Basin, (Basin Plan) was adopted by the Board on November 17, 1989. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.
7. Present and anticipated beneficial uses of groundwater in the vicinity of the discharge include Domestic and Municipal Supply, Industrial Supply, and Agricultural Supply.
8. Denise Duffy and Associates has completed an Initial Study and Negative Declaration for the project in accordance with the California Environmental Quality

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Act (Public Resources Code, Section 21000, et seq.) and the California Code of Regulations. The Negative Declaration was certified by Monterey County on July 8, 1993. Mitigation measures to prevent nuisance and assure protection of beneficial uses of surface and ground waters will be implemented through this Order.

9. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assure this and mitigate any potential adverse changes in water quality due to the discharge.
10. On February 18, 1994, the Board notified the Discharger and interested agencies and persons of its intent to issue waste discharge requirements for the discharge and has provided them with a copy of the proposed order and an opportunity to submit written views and comments.
11. After considering all comments pertaining to this discharge during a public hearing on April 8, 1994, this Order was found consistent with the above findings.

IT IS HEREBY ORDERED, pursuant to authority in Section 13263 of the California Water Code, Dole Fresh Vegetables Inc., its agents, successors, and assigns, may discharge waste at its Soledad Facility, 32655 Camphora Gloria Road, Soledad, CA 93960, providing compliance is maintained with the following:

(Note: other prohibitions and conditions, definitions, and the method of determining compliance are contained in the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January 1984.

Applicable paragraphs are referenced in paragraph D.2. of this Order.)

Requirements specified in the proposed Orders are based on staff's professional judgement and the following documents:

- A = Administrative Procedures Manual (SWRCB)
- B = Basin Plan

Throughout the proposed Orders and Monitoring and Reporting Programs footnotes are included to indicate the source of specified requirements. Requirements not referenced are based on professional judgement.

A. PROHIBITIONS

1. Discharge to areas other than disposal areas shown in Attachment "B", is prohibited.
2. Discharge of any wastes including overflow, bypass, and seepage from transport, treatment, or disposal systems to adjacent drainageways or adjacent properties is prohibited.
3. Bypass of the treatment facility and discharge of untreated or partially treated wastes directly to irrigation fields is prohibited.
4. Discharge of any wastes other than vegetable process water to the vegetable process wastewater system is prohibited.

B. DISCHARGE SPECIFICATIONS

1. Daily flow averaged over each month shall not exceed 1.0 MGD (3785 m³).
2. Effluent discharged to irrigation field areas shall not exceed the following limitations.^B

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<u>Parameter</u>	<u>Units</u>	<u>Maximum</u>
Total Dissolved Solids	mg/l	Water Supply +250*
Sodium Chloride	mg/l	Water Supply + 60*
Sulfate	mg/l	Water Supply +110*
Nitrate (as N)	mg/l	500
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* As determined from concurrent water supply monitoring and averaged over the three most recent samples.

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| <p>3. Effluent discharged to disposal areas shall not have a pH less than 6.5 or greater than 8.4.^B</p> <p>4. Freeboard shall exceed 1 foot in the aeration pond.</p> <p>5. Reclaimed water shall be applied at a rate and volume not to exceed vegetative demand and soil moisture holding conditions. Special precautions must be taken to prevent clogging of spray nozzles, over watering and ponding, and to minimize runoff. Pipelines shall be maintained to prevent leaks.</p> <p>6. Reclaimed water shall not be used for irrigation during periods of extended rainfall and/or runoff.</p> <p>C. GROUND WATER LIMITATIONS</p> <p>1. The discharge shall not cause an increase of nitrate concentrations in underlying ground waters, based on a comparison of samples collected from monitoring wells located upgradient and downgradient of the irrigated field.</p> <p>2. The discharge shall not cause a significant increase of mineral constituent concentrations in underlying ground waters, based on a comparison of samples collected from wells located upgradient and downgradient of the irrigation field.^B</p> | <p>3. The discharge shall not cause concentrations of chemicals and radionuclides in groundwater to exceed limits set forth in Title 22, Chapter 15, Articles 4, 4.5, 5 and 5.5 of the California Code of Regulations.^B</p> <p>D. PROVISIONS</p> <p>1. Discharger shall comply with "Monitoring and Reporting Program No. 94-36," as specified by the Executive Officer.^A</p> <p>2. Discharger shall comply with all items of the attached "Standard Provisions and Reporting Requirements for Waste Discharge Requirements" dated January, 1984, except A.1.-6., A.8., A.9., A.10., A.14., A.15., A.17., A.24., and A.25.^A</p> <p>3. Pursuant to Title 23, Chapter 3, Subchapter 9, of the California Code of Regulations, the Discharger must submit a written report to the Executive Officer not later than November 1, 1998 addressing:^A</p> <p style="margin-left: 20px;">a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and,</p> <p style="margin-left: 20px;">b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.</p> |
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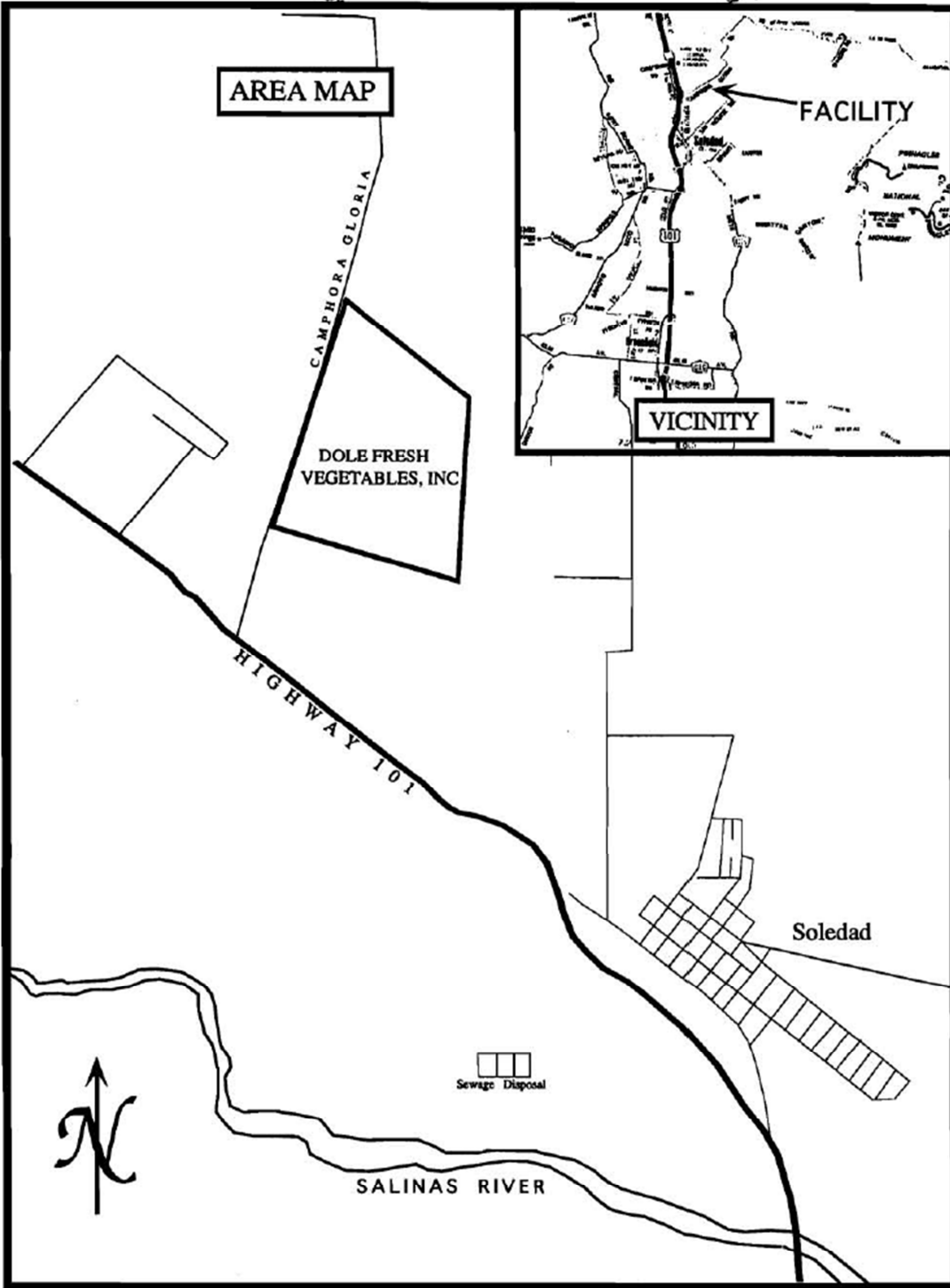
I, **ROGER W. BRIGGS**, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Coast Region, on April 8, 1994.



EXECUTIVE OFFICER

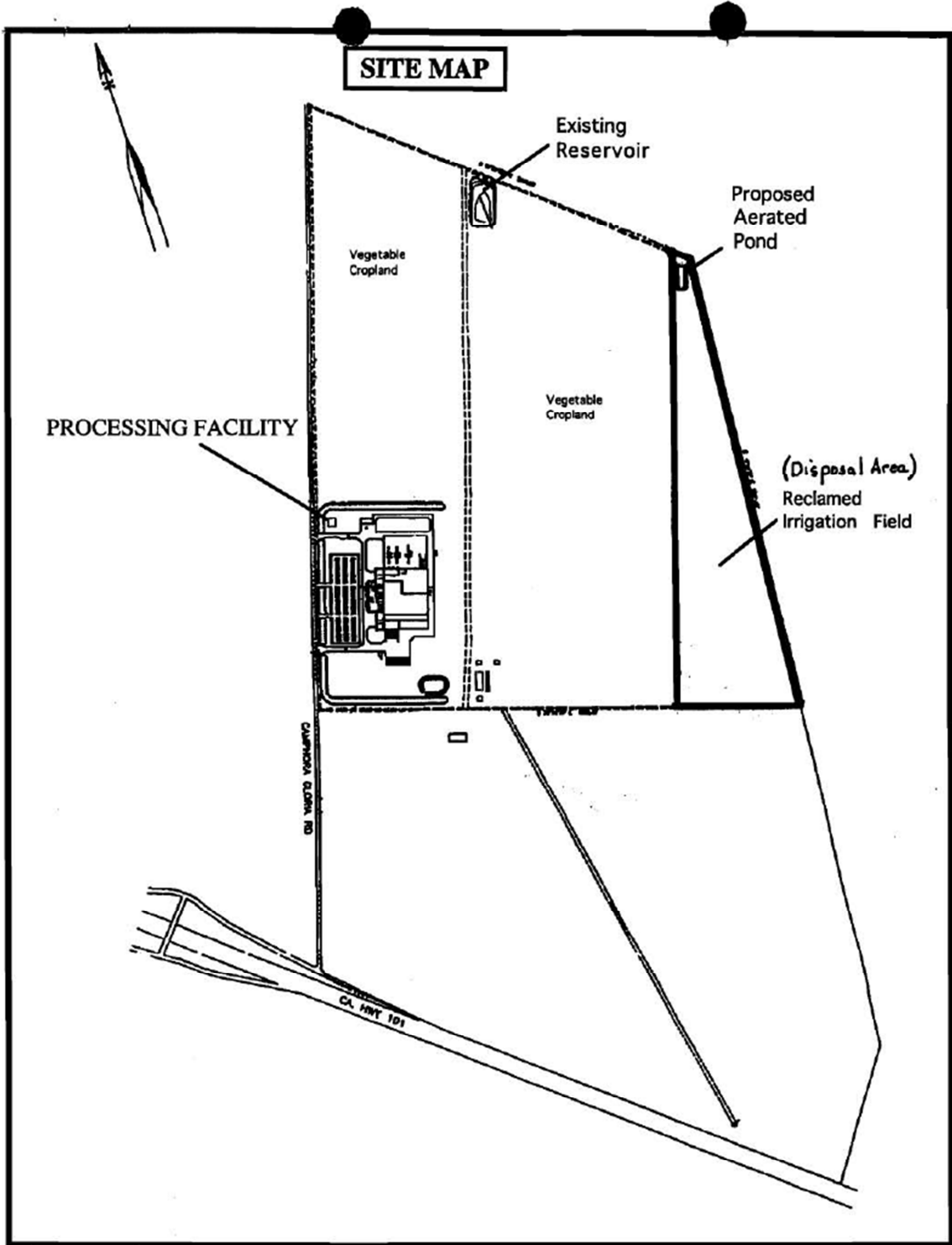
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ATTACHMENT "A"

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ATTACHMENT "B"

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Cal/EPA

February 5, 1998



Pete Wilson
Governor

Central Coast
Regional Water
Quality Control
Board

Mr. Ron Midyett
Dole Fresh Vegetables
P.O. Box 1759
Salinas, CA 93902

81 Higuera Street
Suite 200
San Luis Obispo, CA
93401-5427
(805) 549-3147
FAX (805) 543-0397

Dear Mr. Midyett:

REVISION OF MONITORING AND REPORTING PROGRAM, ORDER NO. 94-36

Your response to our Notice of Violation for not submitting monitoring as specified in Waste Discharge Requirement Monitoring and Reporting Program No. 94-36, indicated verbal permission from Mr. Hurford had been granted allowing you to switch from monthly to quarterly monitoring. Although our files failed to reveal written documentation of this, Order No. 94-36 included a provision which allowed the monitoring frequency to be reduced if satisfactory compliance was noted.

Attached is a revised monitoring program which formally documents the reduction in monitoring frequency. Please note the supply water sampling has been reduced from monthly to semi-annual sampling. The effluent is now required to be sampled quarterly.

If you have any questions, please call Ron Sherer at (805) 549-3688.

Sincerely,

Roger W. Briggs
For Roger W. Briggs
Executive Officer

RS\HARON_WDR\MONTEREY\DOLE.LTR\ch
Task: 121:01
File: Main: Dole Fresh Vegetables, Soledad

Attachment



Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.

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**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL COAST REGION
81 Higuera Street, Suite 200
San Luis Obispo, California 93401-5427**

**MONITORING AND REPORTING PROGRAM NO. 94-36
WDD No. 3 272122001**

FOR

**DOLE FRESH VEGETABLES, INC.,
MONTEREY COUNTY
(Adopted April 8, 1994)
(Revised February 5, 1998)**

WATER SUPPLY MONITORING

Representative samples of the water supply shall be collected from the on-site well and analyzed as follows:

Constituent	Units	Sample Type	Minimum Sampling and Analyzing Frequency*
Total Dissolved Solids	mg/l	Grab	Semi- annual (Apr and Oct)
Electrical Conductivity	µmhos/cm	Grab	Semi- annual (Apr and Oct)
Chloride	mg/l	Grab	Semi- annual (Apr and Oct)
Sulfate	mg/l	Grab	Semi- annual (Apr and Oct)
Nitrate	mg/l	Grab	Semi- annual (Apr and Oct)
Sodium	mg/l	Grab	Semi- annual (Apr and Oct)

*Water supply sampling shall be taken concurrently with effluent sampling.

EFFLUENT MONITORING

Representative samples of the effluent discharged to the irrigation field shall be collected and analyzed for the following constituents:

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Constituent	Units	Type	Minimum Sampling and Analyzing Frequency
Flow	MGD	Metered	Daily
pH	pH	Grab	Quarterly (Jan, Apr, July, Oct)
Chemical Oxygen Demand	mg/l	Grab	Quarterly (Jan, Apr, July, Oct)
"Total" Nitrogen(as N)	mg/l	Grab	Quarterly (Jan, Apr, July, Oct)
Sodium	mg/l	Grab	Quarterly (Jan, Apr, July, Oct)
Chloride	mg/l	Grab	Quarterly (Jan, Apr, July, Oct)
Electrical Conductivity	µmhos/cm	Grab	Quarterly (Jan, Apr, July, Oct)
Total Dissolved Solids	mg/l	Grab	Quarterly (Jan, Apr, July, Oct)
Sulfate	mg/l	Grab	Quarterly (Jan, Apr, July, Oct)
Nitrate	mg/l	Grab	Quarterly (Jan, Apr, July, Oct)

GROUND WATER MONITORING

Discharger shall install or locate monitoring wells upgradient and downgradient of the disposal area if directed to do by the Regional Board. Discharger shall be responsible for determining direction of groundwater flow and level to determine the appropriate location and depth of upgradient and downgradient monitoring wells. Prior to the installation of monitoring wells, Discharger must submit to the Executive officer (EO) a report discussing the proposed location and depth of the monitoring wells and the technical justification of the proposal. The monitoring wells shall ' meet or exceed well standards contained in the Department of Water Resources Bulletins 74-81 and 74-90. Discharger shall also comply with the monitoring well reporting provisions of Section 13750 through 13755 of the California Water Code.

Monitoring wells are intended to monitor effects of the discharge on ground water. However, installation of monitoring wells may be waived if Discharger can demonstrate that there are mitigating factors such that the discharge will not adversely impact ground water quality. A report discussing results of studies or investigations justifying presence of mitigating factors may be submitted to the Executive Officer for review and approval. If the Executive Officer agrees with the findings of the report, monitoring wells requirement may be waived. These mitigating factors may include, but not be limited to, any or all of the following:

1. Depth to ground water is so great that when coupled with other factors may prevent pollutants from reaching or adversely affecting ground water quality.
2. Geologic features i.e. soil type, permeability, presence of geological layer prohibiting migration of pollutants to ground water, etc.

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3. Ground water has sufficient assimilative capacity due to the magnitude of the aquifer.

RECLAMATION AREA MONITORING

The disposal area shall be inspected weekly for saturated surface areas, surface runoff, and odors. Evidence of any condition of this nature shall be reported to the Executive Officer within 24 hours of knowing of such conditions, and promptly investigated and remedied. A record shall be kept of dates and nature of observations and remedies. A summary of inspections shall be submitted with each quarterly and annual monitoring report.

REPORTING

In reporting the monitoring data, the discharger shall arrange the data in tabular form so the date, the constituents, and the concentrations are readily discernible. Reports shall be submitted quarterly by the 20th day of month (March, June, September, and December) and shall contain all data collected over the previous quarter. It shall contain a narrative summary of any exceptions pursuant to Reclamation Area Monitoring described above.

Ordered by

Bradley E. Hageman
Executive Officer

2/5/98

Date

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