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DEPARTMENT OF  
PUBLIC WORKS

CITY OF SACRAMENTO  
CALIFORNIA

1391-35TH AVENUE  
SACRAMENTO, CA  
95822-2911

WATER DIVISION

916-449-5271

August 2, 1988

City Council  
Sacramento, California

Honorable Members in Session:

**Subject: Rice Herbicide Monitoring - 1988 Season**

**APPROVED**  
BY THE CITY COUNCIL

**AUG 2 1988**

OFFICE OF THE  
CITY CLERK

SUMMARY

This report discusses the 1988 Rice Herbicide Monitoring Program and is presented for City Council information.

BACKGROUND

An intensive monitoring program for rice herbicides was maintained by Water Division laboratory personnel during May and June. Samples were taken daily, including Saturdays and Sundays, for the two rice herbicides, Ordram and Bolero. Several samples were analyzed for three other less common herbicides, Basagran, Carbaryl, and Carbofuran; however, none of the three was detected.

The highest level of Bolero detected was below the secondary (taste) level, and well below the primary (health) level. The highest level of Ordram was well below the primary (health) standard. A specific secondary (taste) level has not been adopted for Ordram; however, no taste problems were traceable this herbicide. No other rice herbicides were detected.

The attached memorandum (Attachment A) from Lee Harry, Assistant Superintendent of Water Production, provides a more detailed evaluation of this season's monitoring program. The Water Division laboratory staff did their usual excellent job, as mentioned in the attached memorandum, with immediate and accurate results.

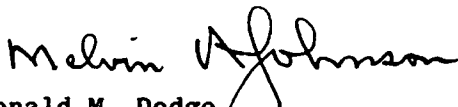
FINANCIAL

This report has no financial impact.

RECOMMENDATION

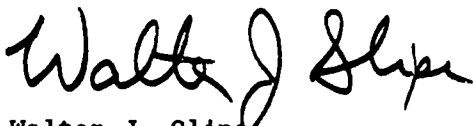
This report is for information only.


Respectfully submitted,

  
 for Donald M. Dodge  
 Deputy Director of Public Works

APPROVED FOR COUNCIL INFORMATION:

APPROVED:

  
 Walter J. Slipe  
 City Manager

  
 Melvin H. Johnson  
 Director of Public Works

August 2, 1988  
All Districts



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CITY OF SACRAMENTO  
DIVISION OF WATER & SEWERS

JUL 13 1988

DEPARTMENT OF  
PUBLIC WORKS

CITY OF SACRAMENTO  
CALIFORNIA

7501 COLLEGE TOWN  
DRIVE  
SACRAMENTO, CA  
95826-2382

DIVISION OF WATER

WATER PRODUCTION

916-449-5366

July 11, 1988

TO: Harry Behrens, Supervising Engineer

FROM: *Lee Harry*  
Lee Harry, Assistant Superintendent - Water Production Facilities

SUBJECT: Rice Herbicide Monitoring - 1988 Season

Enclosed are the results of our monitoring for rice herbicides for the season just completed. As you can see from the data, Bolero was again effectively controlled in 1988 with the highest concentration recorded at the intake to our Sacramento River Plant being 0.21 parts per billion (ppb) on June 3, 1988. This concentration is below the secondary (taste) standard of 1 ppb, and far below the primary health action level of 10 ppb. This success can (as in 1987) be attributed to the loss of use of this product for acreage which did not have effective water management capabilities.

The Ordram concentration at the same location peaked at 4.8 ppb on May 20, 1988. This concentration is well below the 20 ppb primary health standard, but above the 0.6 ppb basin plan objective of the Central Valley Regional Water Quality Control Board. This objective (which is based on total pesticide concentrations) was exceeded on 38 consecutive days in 1988.

We have completed our monitoring program for 1988 with the exception of some Basagran analysis we will perform when the fields are drained for harvest. We detected no other rice herbicide at the intake to the Sacramento River Plant during 1988.

I feel that our laboratory staff under the direction of Supervising Water Quality Chemist Ron Myers is deserving of commendation for their yeoman work in performing these analyses on a daily basis for 2 months. They did this while continuing to perform their ever increasing daily workload and had the results available within 1 day of sampling.

If you need further information about this subject, please contact me.

cc: Donald M. Dodge ✓  
Larry Lunardini

