STATE OF CALIFORNIA GEORGE DEUKMEJIAN, Governor

DEPARTMENT OF FOOD AND AGRICULTURE
1220 N Street
Sacramento, CA 95814

California Notice 87-2

NOTICE OF PROMETON FIND IN CALIFORNIA GROUND WATER
AND REGISTRANTS' OPPORTUNITY TO REQUEST HEARING

Recently, the economic poison prometon (2,4-bis(isopropylamino)-6-methoxy-s-triazine) registered as an herbicide, was identified in the ground water of Glenn County. It has been determined that the presence of prometon in the ground water resulted from agricultural uses.

Pursuant to Section 13149(b) and (c) of the Food and Agricultural Code (FAC), notice is hereby given of the prometon finds and that registrants of prometon herbicides have thirty days after this notice is issued to request a hearing. A hearing will be held within 180 days after we receive a written request. During the hearing, registrants will be required to submit a report and documented evidence supporting the continued registration, sale, and use of prometon. Notice of a scheduled hearing will be mailed to prometon registrants together with information regarding the report and documented evidence required for the hearing. If a hearing is not requested within thirty days after this notice is issued, the Director of the Department of Food and Agriculture is required to cancel the registration of the economic poison pursuant to Section 13149(c), FAC.

Prometon was found in ground water in Glenn County during a well monitoring study by the Department's Environmental Monitoring and Pest Management Branch. This study was conducted to monitor the agricultural use of several pesticides. Prometon tested positive in 10 of 132 wells in Glenn County with a detection range of 0.1 - 5.9 ppb (see enclosures for well locations and test results). Well samples were analyzed by High Performance Liquid Chromatography. Samples were analyzed by the California Department of Food and Agriculture Chemistry Laboratory.

Requests for additional information should be directed to Carol Cummins at (916) 322-3564.

Dated

Robert V. Peterson, Chief
Pesticide Registration Branch

Enclosures

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

Detection of Prometon in Ground Water

The Environmental Monitoring and Pest Management Branch has received the following results from chemical analysis of 132 wells sampled in Glenn County.

	Prometon
Number of positive results	10
Number of negative results	122
Range of positives ppb	0.1 - 5.9 ppb
MDL	0.1 ppb

Residue levels for each sampled well are shown in Table 1. The locations of wells in the study area are designated by the numbered wells in Figure 1. Circled numbers indicate locations of wells where prometon was detected.

Figure 1.
Locations of wells tested for triazine herbicides, Glenn County, 1986. Wells that are circled contained prometon, all other positive wells contained atrazine and/or simazine.

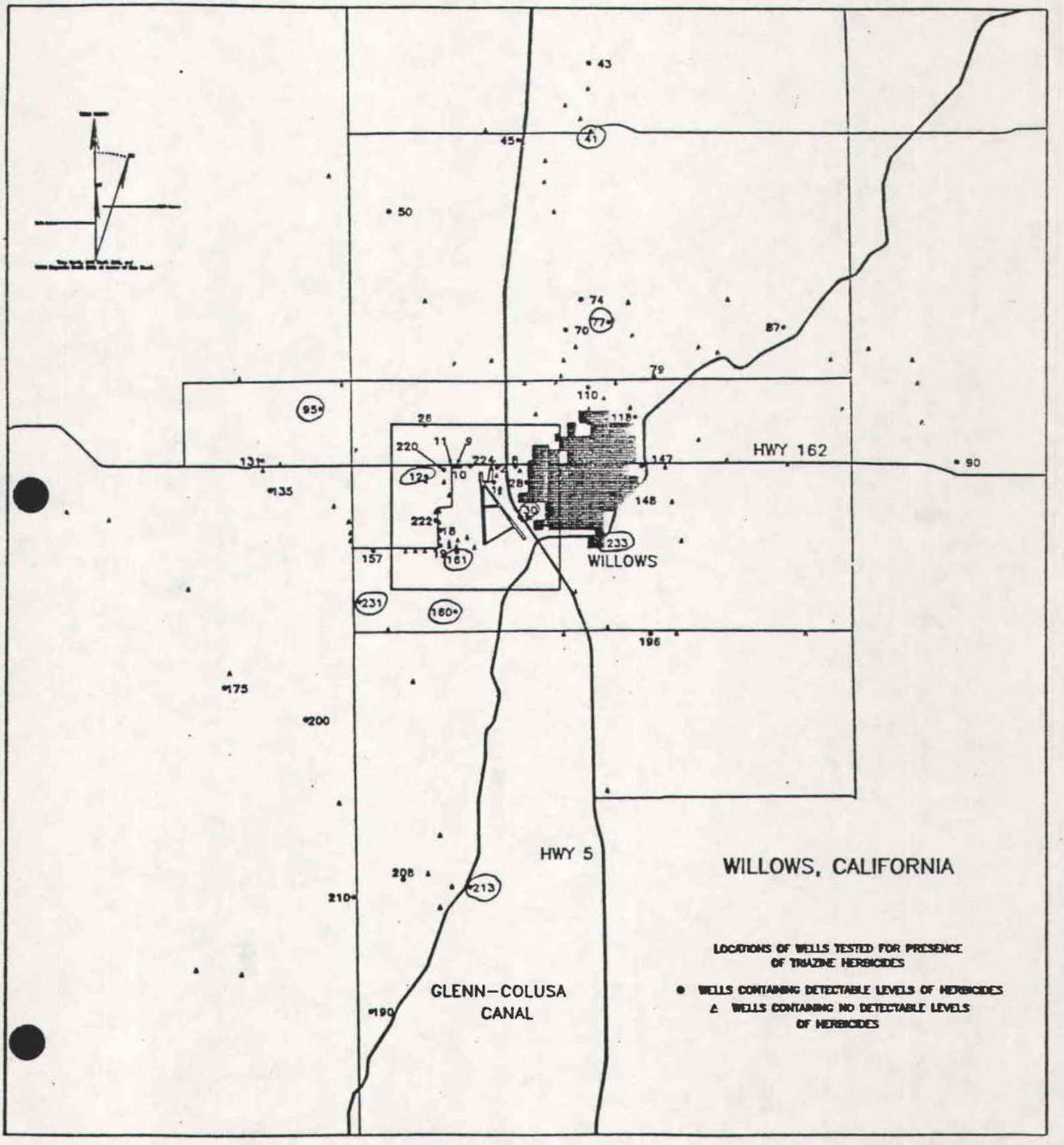

Table 1.

Results of the well sampling in Glenn County for prometon. Concentrations are shown in parts per billion. When replicate samples were analyzed, each replicate is shown separately.

Well No.	Prometon CDFA
1	
2	
3	
4	
5	
6	N.D., N.D.[a]
7	N.D., N.D.
8	N.D., N.D.
9	N.D., N.D.
10	Trace[b]
11	
12	Trace, pos.[c]
13	N.D.
14	N.D., N.D.
15	N.D.
16	N.D.
17	N.D.
18	N.D., trace
19	N.D., trace
20	N.D.
21	N.D.
22	N.D.
23	N.D.
24	N.D.
25	N.D.
26	N.D., N.D.
27	N.D.
28	N.D., N.D.
29	N.D.
30	pos., pos.
31	N.D.
32	N.D.
40	N.D., N.D.
41	1.5, pos.
42	
43	
44	
45	N.D., N.D., N.D.
46	
47	N.D.
48	N.D.
49	N.D.
50	N.D., N.D., N.D.
55	N.D., N.D., N.D.
56	N.D.
60	
65	N.D., N.D., N.D.
66	N.D.
70	N.D., N.D., N.D.
71	N.D.
72	N.D.
73	N.D.
74	
75	N.D., N.D., N.D.
76	N.D.
77	0.10, trace
78	N.D.
79	N.D.
80	N.D.
81	N.D.
82	N.D.
83	N.D., N.D., N.D.
84	N.D.
85	N.D.
86	N.D.
87	N.D., N.D., N.D.
88	N.D.
90	N.D.
91	N.D., N.D., N.D.
92	N.D.
93	N.D.
94	N.D.
95	0.2, 0.20, 0.45, 0.40
96	N.D.
97	N.D.
110	N.D., N.D., N.D.
111	N.D.
112	N.D.
113	N.D.
114	N.D.
115	N.D.
116	N.D., N.D., N.D.
117	N.D.
118	
119	N.D.
120	N.D., N.D., N.D.
125	N.D., N.D

Well No.	Prometon CDFA
130	N.D.
131	N.D., N.D., N.D.
135	N.D., N.D., N.D.
136	N.D.
137	N.D.
138	N.D.
139	N.D.
145	N.D., N.D.
146	N.D.
147	N.D.
148	N.D.
149	N.D.
150	N.D., N.D., N.D.
155	N.D.
157	N.D.
158	N.D.
159	N.D.
160	2.0, 1.5, 0.4
161	0.20, pos.
170	N.D., N.D., N.D.
171	N.D.
175	N.D., N.D., N.D.
176	N.D.
181	N.D., N.D., N.D.
190	N.D., N.D., N.D.
191	N.D.
192	N.D., N.D., N.D.
195	N.D.
196	N.D., N.D., N.D.
197	N.D.

Well No.	Prometon CDFA
200	N.D., N.D.
205	N.D., N.D.
206	N.D., N.D., N.D.
207	N.D.
208	N..D.
210	N.D., N.D., N.D.
211	N.D.
212	N.D., N.D, N.D.
213	0.30, pos.
214	N.D.
220	N.D.
221	N.D.
222	N.D.
223	N.D.
224	N.D., trace
225	N.D.
226	N.D.
231	N.D., 0.10, 0.10, trace
232	N.D., N.D., N.D.
233	5.9, pos.

a. None Detected. Detection limit 0.1 ppb.
b. Unconfirmed concentration below the detection limit and considered none detected.
c. Positive sample. Only a qualitative analysis could be done.