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# IDAHO STATE DEPARTMENT OF AGRICULTURE

## GROUND WATER MONITORING PROGRAM

A SUMMARY OF REGIONAL PROJECT 790, INCLUDING CASSIA COUNTY

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**ISDA Well ID: 7900101      Township: 11 S, Range: 21 E, Section: 06**

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*Sample Date:*      7/24/2006

DIAZINON: 0.036 µg/L

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**ISDA Well ID: 7900201      Township: 11 S, Range: 21 E, Section: 10**

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*Sample Date:*      7/6/1998

3, 5-DICHLORBEN ACID: 0.019 µg/L

*Sample Date:*      7/2/2002

DESETHYL ATRAZINE: 0.032 µg/L

*Sample Date:*      7/24/2006

DESETHYL ATRAZINE: 0.033 µg/L

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**ISDA Well ID: 7900401      Township: 10 S, Range: 22 E, Section: 20**

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*Sample Date:*      7/6/1998

ATRAZINE: 0.039 µg/L

SIMAZINE: 0.06 µg/L

*Sample Date:*      7/26/1999

SIMAZINE: 0.027 µg/L

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**ISDA Well ID: 7900601      Township: 11 S, Range: 22 E, Section: 02**

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*Sample Date:*      7/2/2002

DESETHYL ATRAZINE: 0.076 µg/L

*Sample Date:*      7/19/2006

DESETHYL ATRAZINE: 0.091 µg/L

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**ISDA Well ID: 7900701      Township: 10 S, Range: 23 E, Section: 31**

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*Sample Date:*    6/19/2000

ATRAZINE: 0.026 µg/L

*Sample Date:*    7/3/2001

ATRAZINE: 0.029 µg/L

DESETHYL ATRAZINE: 0.043 µg/L

*Sample Date:*    7/16/2002

ATRAZINE: 0.027 µg/L

DESETHYL ATRAZINE: 0.043 µg/L

*Sample Date:*    7/20/2006

DESETHYL ATRAZINE: 0.038 µg/L

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**ISDA Well ID: 7900801      Township: 10 S, Range: 25 E, Section: 31**

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*Sample Date:*    7/7/1998

ATRAZINE: 0.11 µg/L

SIMAZINE: 0.12 µg/L

*Sample Date:*    7/19/1999

ATRAZINE: 0.14 µg/L

SIMAZINE: 0.024 µg/L

*Sample Date:*    6/14/2000

ATRAZINE: 0.23 µg/L

SIMAZINE: 0.053 µg/L

*Sample Date:*    7/3/2001

ATRAZINE: 0.084 µg/L

DESETHYL ATRAZINE: 0.04 µg/L

*Sample Date:*    7/8/2002

ATRAZINE: 0.061 µg/L

DESETHYL ATRAZINE: 0.03 µg/L

*Sample Date:*    7/19/2006

ATRAZINE: 0.071 µg/L

DESETHYL ATRAZINE: 0.037 µg/L

*Sample Date:*    7/23/2009

ATRAZINE: 0.09 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

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**ISDA Well ID: 7900901      Township: 10 S, Range: 24 E, Section: 26**

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*Sample Date:*      7/7/1998

ATRAZINE: 0.053 µg/L

*Sample Date:*      6/14/2000

ATRAZINE: 0.15 µg/L

SIMAZINE: 0.024 µg/L

*Sample Date:*      7/2/2001

ATRAZINE: 0.058 µg/L

DESETHYL ATRAZINE: 0.033 µg/L

*Sample Date:*      7/8/2002

ATRAZINE: 0.041 µg/L

DESETHYL ATRAZINE: 0.033 µg/L

*Sample Date:*      7/18/2006

ATRAZINE: 0.046 µg/L

DESETHYL ATRAZINE: 0.033 µg/L

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**ISDA Well ID: 7901001      Township: 11 S, Range: 23 E, Section: 15**

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*Sample Date:*      7/20/1999

ATRAZINE: 0.12 µg/L

*Sample Date:*      6/21/2000

ATRAZINE: 0.3 µg/L

*Sample Date:*      7/8/2002

ATRAZINE: 0.083 µg/L

DESETHYL ATRAZINE: 0.14 µg/L

*Sample Date:*      7/18/2006

DESETHYL ATRAZINE: 0.1 µg/L

DIAZINON: 0.058 µg/L

*Sample Date:*      7/23/2009

ATRAZINE: 0.099 µg/L

DESETHYL ATRAZINE: 0.26 µg/L

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**ISDA Well ID: 7901101      Township: 11 S, Range: 22 E, Section: 22**

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*Sample Date:*      7/7/1998

ATRAZINE: 0.026 µg/L

DACTHAL (DCPA): 3.7 µg/L

*Sample Date:*      7/18/2006

DESETHYL ATRAZINE: 0.025 µg/L

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**ISDA Well ID: 7901401      Township: 11 S, Range: 23 E, Section: 03**

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*Sample Date:*      7/6/1998

ATRAZINE: 0.28 µg/L

ATRAZINE: 0.33 µg/L

*Sample Date:*      6/22/2000

ATRAZINE: 0.18 µg/L

*Sample Date:*      7/2/2001

ATRAZINE: 0.15 µg/L

DESETHYL ATRAZINE: 0.076 µg/L

*Sample Date:*      7/16/2002

ATRAZINE: 0.15 µg/L

DESETHYL ATRAZINE: 0.086 µg/L

*Sample Date:*      7/25/2006

ATRAZINE: 0.1 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

*Sample Date:*      7/22/2009

ATRAZINE: 0.14 µg/L

DESETHYL ATRAZINE: 0.11 µg/L

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**ISDA Well ID: 7901501      Township: 10 S, Range: 24 E, Section: 31**

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*Sample Date:*      7/6/1998

HEXAZINONE: 0.09 µg/L

*Sample Date:*      7/19/1999

ATRAZINE: 0.12 µg/L

*Sample Date:*      6/14/2000

ATRAZINE: 0.15 µg/L

*Sample Date:*      7/2/2001

ATRAZINE: 0.084 µg/L

DESETHYL ATRAZINE: 0.11 µg/L

*Sample Date:*      7/16/2002

ATRAZINE: 0.067 µg/L

DESETHYL ATRAZINE: 0.091 µg/L

*Sample Date:*      7/25/2006

ATRAZINE: 0.061 µg/L

DESETHYL ATRAZINE: 0.091 µg/L

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**ISDA Well ID: 7901601      Township: 11 S, Range: 24 E, Section: 07**

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*Sample Date:*      7/6/1998

2, 4-DCBA: 0.93 µg/L

ATRAZINE: 0.071 µg/L

*Sample Date:*      6/15/2000

ATRAZINE: 0.037 µg/L

*Sample Date:*      7/2/2001

ATRAZINE: 0.036 µg/L

DESETHYL ATRAZINE: 0.032 µg/L

*Sample Date:*      7/16/2002

ATRAZINE: 0.031 µg/L

DESETHYL ATRAZINE: 0.031 µg/L

*Sample Date:*      7/25/2006

ATRAZINE: 0.044 µg/L

DESETHYL ATRAZINE: 0.034 µg/L

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**ISDA Well ID: 7901701      Township: 11 S, Range: 23 E, Section: 12**

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*Sample Date:*      7/6/1998

ATRAZINE: 0.14 µg/L

DACTHAL (DCPA): 4.4 µg/L

*Sample Date:*      7/20/1999

ATRAZINE: 0.063 µg/L

SIMAZINE: 0.022 µg/L

*Sample Date:*      6/15/2000

ATRAZINE: 0.059 µg/L

SIMAZINE: 0.022 µg/L

*Sample Date:*      6/28/2001

ATRAZINE: 0.096 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

*Sample Date:*      7/16/2002

ATRAZINE: 0.066 µg/L

DESETHYL ATRAZINE: 0.067 µg/L

*Sample Date:*      7/25/2006

ATRAZINE: 0.044 µg/L

DESETHYL ATRAZINE: 0.042 µg/L

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**ISDA Well ID: 7901801****Township: 11 S, Range: 23 E, Section: 12**

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*Sample Date:* 6/15/2000

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ATRAZINE: 0.026 µg/L

SIMAZINE: 0.024 µg/L

*Sample Date:* 6/15/2001

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ATRAZINE: 0.033 µg/L

DESETHYL ATRAZINE: 0.059 µg/L

*Sample Date:* 7/25/2006

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2, 4-D: 0.34 µg/L

HEXAZINONE: 0.051 µg/L

*Sample Date:* 7/23/2009

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HEXAZINONE: 0.051 µg/L

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**ISDA Well ID: 7901901      Township: 11 S, Range: 23 E, Section: 24**

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*Sample Date:*      7/6/1998

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ATRAZINE: 0.3 µg/L

HEXAZINONE: 0.085 µg/L

SIMAZINE: 0.64 µg/L

*Sample Date:*      6/15/2000

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ATRAZINE: 0.1 µg/L

SIMAZINE: 0.19 µg/L

*Sample Date:*      6/28/2001

---

ATRAZINE: 0.12 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

HEXAZINONE: 0.12 µg/L

SIMAZINE: 0.18 µg/L

*Sample Date:*      7/10/2002

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ATRAZINE: 0.13 µg/L

SIMAZINE: 0.13 µg/L

*Sample Date:*      7/25/2006

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ATRAZINE: 0.073 µg/L

DESETHYL ATRAZINE: 0.045 µg/L

HEXAZINONE: 0.076 µg/L

SIMAZINE: 0.053 µg/L

*Sample Date:*      7/23/2009

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ATRAZINE: 0.12 µg/L

DESETHYL ATRAZINE: 0.092 µg/L

HEXAZINONE: 0.1 µg/L

SIMAZINE: 0.098 µg/L

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**ISDA Well ID: 7902201      Township: 10 S, Range: 25 E, Section: 31**

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*Sample Date:*      6/14/2000

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DACTHAL (DCPA): 8.7 µg/L

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**ISDA Well ID: 7902501      Township: 09 S, Range: 25 E, Section: 19**

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*Sample Date:*      7/7/1998

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ATRAZINE: 0.018 µg/L

*Sample Date:*      6/13/2000

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ATRAZINE: 0.033 µg/L

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**ISDA Well ID: 7902801      Township: 10 S, Range: 24 E, Section: 14**

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*Sample Date:*    7/13/1998

DACTHAL (DCPA): 0.05 µg/L

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**ISDA Well ID: 7903001      Township: 09 S, Range: 25 E, Section: 17**

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*Sample Date:*    7/13/1998

METOLACHLOR: 0.1 µg/L

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**ISDA Well ID: 7903101      Township: 09 S, Range: 25 E, Section: 11**

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*Sample Date:*    7/13/1998

ATRAZINE: 0.14 µg/L

SIMAZINE: 0.088 µg/L

*Sample Date:*    6/13/2000

BROMACIL: 1.7 µg/L

DIURON: 0.33 µg/L

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**ISDA Well ID: 7903201      Township: 10 S, Range: 24 E, Section: 34**

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*Sample Date:*    7/13/1998

ATRAZINE: 0.059 µg/L

SIMAZINE: 0.088 µg/L

*Sample Date:*    7/26/1999

ATRAZINE: 0.082 µg/L

*Sample Date:*    6/22/2000

ATRAZINE: 0.059 µg/L

SIMAZINE: 0.023 µg/L

*Sample Date:*    7/2/2001

ATRAZINE: 0.044 µg/L

DESETHYL ATRAZINE: 0.08 µg/L

SIMAZINE: 0.022 µg/L

*Sample Date:*    7/9/2002

DESETHYL ATRAZINE: 0.04 µg/L

*Sample Date:*    7/13/2006

ATRAZINE: 0.029 µg/L

DESETHYL ATRAZINE: 0.061 µg/L

DIURON: 0.028 µg/L

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**ISDA Well ID: 7903401      Township: 11 S, Range: 24 E, Section: 14**

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*Sample Date:*    7/14/1998

DIURON: 0.48 µg/L

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**ISDA Well ID: 7903501      Township: 11 S, Range: 23 E, Section: 14**

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*Sample Date:*    6/15/2000

ATRAZINE: 0.16 µg/L

SIMAZINE: 0.045 µg/L

*Sample Date:*    6/28/2001

ATRAZINE: 0.15 µg/L

DESETHYL ATRAZINE: 0.1 µg/L

*Sample Date:*    7/15/2002

ATRAZINE: 0.094 µg/L

DESETHYL ATRAZINE: 0.059 µg/L

SIMAZINE: 0.031 µg/L

*Sample Date:*    7/25/2006

ATRAZINE: 0.074 µg/L

DESETHYL ATRAZINE: 0.048 µg/L

HEXAZINONE: 0.087 µg/L

SIMAZINE: 0.042 µg/L

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**ISDA Well ID: 7903601      Township: 11 S, Range: 23 E, Section: 05**

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*Sample Date:*    6/21/2000

ATRAZINE: 0.29 µg/L

*Sample Date:*    7/3/2001

ATRAZINE: 0.099 µg/L

DESETHYL ATRAZINE: 0.053 µg/L

*Sample Date:*    7/16/2002

ATRAZINE: 0.1 µg/L

DESETHYL ATRAZINE: 0.068 µg/L

*Sample Date:*    7/19/2006

ATRAZINE: 0.084 µg/L

DESETHYL ATRAZINE: 0.054 µg/L

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**ISDA Well ID: 7903701      Township: 10 S, Range: 23 E, Section: 31**

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*Sample Date:*    7/14/1998

ATRAZINE: 0.036 µg/L

DIURON: 0.34 µg/L

*Sample Date:*    6/19/2000

DIURON: 0.13 µg/L

PROMETON: 0.08 µg/L

*Sample Date:*    7/2/2001

DESETHYL ATRAZINE: 0.027 µg/L

PROMETON: 0.069 µg/L

*Sample Date:*    7/17/2002

DESETHYL ATRAZINE: 0.03 µg/L

*Sample Date:*    7/26/2006

DESETHYL ATRAZINE: 0.025 µg/L

DIURON: 0.045 µg/L

*Sample Date:*    7/22/2009

DESETHYL ATRAZINE: 0.038 µg/L

DIURON: 0.032 µg/L

PROMETON: 0.079 µg/L

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**ISDA Well ID: 7903801      Township: 10 S, Range: 22 E, Section: 26**

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*Sample Date:*    7/14/1998

2, 4-DCBA: 0.57 µg/L

ATRAZINE: 0.039 µg/L

DACTHAL (DCPA): 0.052 µg/L

SIMAZINE: 0.16 µg/L

*Sample Date:*    7/8/1999

SIMAZINE: 0.02 µg/L

*Sample Date:*    6/20/2000

ATRAZINE: 0.026 µg/L

SIMAZINE: 0.025 µg/L

*Sample Date:*    7/19/2006

DIURON: 0.2 µg/L

*Sample Date:*    7/23/2009

DIURON: 0.1 µg/L

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**ISDA Well ID: 7903901      Township: 11 S, Range: 22 E, Section: 15**

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*Sample Date:* 7/14/1998

ATRAZINE: 0.073 µg/L

*Sample Date:* 6/26/2000

ATRAZINE: 0.057 µg/L

*Sample Date:* 7/3/2001

ATRAZINE: 0.045 µg/L

*Sample Date:* 7/17/2002

ATRAZINE: 0.04 µg/L

*Sample Date:* 7/19/2006

ATRAZINE: 0.032 µg/L

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**ISDA Well ID: 7904001      Township: 11 S, Range: 22 E, Section: 13**

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*Sample Date:* 7/14/1998

2, 4-DCBA: 0.36 µg/L

ATRAZINE: 0.038 µg/L

SIMAZINE: 0.16 µg/L

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**ISDA Well ID: 7904101      Township: 12 S, Range: 22 E, Section: 30**

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*Sample Date:* 7/14/1998

2, 4-DCBA: 0.62 µg/L

*Sample Date:* 6/26/2000

ATRAZINE: 0.027 µg/L

ATRAZINE: 0.035 µg/L

*Sample Date:* 7/3/2002

DESETHYL ATRAZINE: 0.026 µg/L

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**ISDA Well ID: 7904201      Township: 13 S, Range: 22 E, Section: 06**

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*Sample Date:* 7/14/1998

2, 4-DCBA: 0.54 µg/L

ATRAZINE: 0.042 µg/L

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**ISDA Well ID: 7904501      Township: 11 S, Range: 23 E, Section: 17**

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*Sample Date:*    7/15/1998

ATRAZINE: 0.02 µg/L

*Sample Date:*    7/17/2002

DESETHYL ATRAZINE: 0.036 µg/L

*Sample Date:*    7/18/2006

DESETHYL ATRAZINE: 0.027 µg/L

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**ISDA Well ID: 7904601      Township: 08 S, Range: 24 E, Section: 25**

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*Sample Date:*    7/29/1997

ATRAZINE DESETHYL: 0.016 µg/L

ATRAZINE: 0.003 µg/L

*Sample Date:*    7/18/2002

DESETHYL ATRAZINE: 0.028 µg/L

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**ISDA Well ID: 7905201      Township: , Range: , Section:**

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*Sample Date:*    7/9/2001

ATRAZINE: 0.12 µg/L

DESETHYL ATRAZINE: 0.091 µg/L

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**ISDA Well ID: 7905301      Township: , Range: , Section:**

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*Sample Date:*    7/9/2001

ATRAZINE: 0.057 µg/L

DESETHYL ATRAZINE: 0.046 µg/L

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**ISDA Well ID: 7905401      Township: , Range: , Section:**

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*Sample Date:*    7/9/2001

METRIBUZIN: 0.084 µg/L

SIMAZINE: 0.023 µg/L

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**ISDA Well ID: 7905501      Township: , Range: , Section:**

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*Sample Date:*    7/9/2001

ATRAZINE: 0.08 µg/L

DESETHYL ATRAZINE: 0.07 µg/L

SIMAZINE: 0.033 µg/L

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**ISDA Well ID: 7905601**      **Township: , Range: , Section:**

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*Sample Date:*      7/9/2001

ATRAZINE: 0.098 µg/L

DESETHYL ATRAZINE: 0.092 µg/L

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**ISDA Well ID: 7905701**      **Township: , Range: , Section:**

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*Sample Date:*      7/9/2001

ATRAZINE: 0.077 µg/L

DESETHYL ATRAZINE: 0.068 µg/L

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**ISDA Well ID: 7905801**      **Township: , Range: , Section:**

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*Sample Date:*      7/10/2001

ATRAZINE: 0.025 µg/L

DESETHYL ATRAZINE: 0.045 µg/L

METRIBUZIN: 0.054 µg/L

SIMAZINE: 0.027 µg/L

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**ISDA Well ID: 7905901**      **Township: , Range: , Section:**

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*Sample Date:*      7/10/2001

ATRAZINE: 0.062 µg/L

DESETHYL ATRAZINE: 0.037 µg/L

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**ISDA Well ID: 7906001**      **Township: , Range: , Section:**

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*Sample Date:*      7/10/2001

ATRAZINE: 0.05 µg/L

DESETHYL ATRAZINE: 0.078 µg/L

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**ISDA Well ID: 7906101**      **Township: , Range: , Section:**

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*Sample Date:*      7/10/2001

ATRAZINE: 0.12 µg/L

DEISOPROPYL ATRAZINE: 0.08 µg/L

DESETHYL ATRAZINE: 0.094 µg/L

SIMAZINE: 0.065 µg/L

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**ISDA Well ID: 7906201**      **Township: , Range: , Section:**

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*Sample Date:*      7/10/2001

ATRAZINE: 0.06 µg/L

DESETHYL ATRAZINE: 0.041 µg/L

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**ISDA Well ID: 7906401      Township: , Range: , Section:**

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*Sample Date:*    7/10/2001

DESETHYL ATRAZINE: 0.027 µg/L

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**ISDA Well ID: 7906601      Township: , Range: , Section:**

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*Sample Date:*    7/11/2001

ATRAZINE: 0.2 µg/L

BROMACIL: 0.15 µg/L

DESETHYL ATRAZINE: 0.051 µg/L

DIURON: 0.11 µg/L

HEXAZINONE: 0.18 µg/L

SIMAZINE: 0.038 µg/L

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**ISDA Well ID: 7906701      Township: , Range: , Section:**

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*Sample Date:*    7/11/2001

ATRAZINE: 0.11 µg/L

DESETHYL ATRAZINE: 0.29 µg/L

HEXAZINONE: 0.2 µg/L

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**ISDA Well ID: 7906801      Township: , Range: , Section:**

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*Sample Date:*    7/11/2001

ATRAZINE: 0.45 µg/L

DESETHYL ATRAZINE: 0.19 µg/L

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**ISDA Well ID: 7906901      Township: , Range: , Section:**

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*Sample Date:*    7/11/2001

ATRAZINE: 0.087 µg/L

DESETHYL ATRAZINE: 0.079 µg/L

HEXAZINONE: 0.42 µg/L

SIMAZINE: 0.13 µg/L

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**ISDA Well ID: 7907001      Township: , Range: , Section:**

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*Sample Date:*    7/11/2001

ATRAZINE: 0.11 µg/L

DESETHYL ATRAZINE: 0.29 µg/L

SIMAZINE: 0.077 µg/L

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**ISDA Well ID: 7907201      Township: , Range: , Section:**

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*Sample Date:*    7/11/2001

BROMACIL: 3.5 µg/L

DESETHYL ATRAZINE: 0.083 µg/L

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# IDAHO STATE DEPARTMENT OF AGRICULTURE

## GROUND WATER MONITORING PROGRAM

### Pesticide Index

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<u>Pesticide</u>	<u>EPA Reference (measured in Parts per billion)</u>
2, 4-D	70 MCL
ATRAZINE	3 MCL
ATRAZINE DESETHYL	
BROMACIL	90 HAL
DACTHAL (DCPA)	70 HAL
DIAZINON	0.6 HAL
DIURON	10 HAL
HEXAZINONE	400 HAL
METOLACHLOR	100 HAL
METRIBUZIN	200 HAL
PROMETON	100 HAL
SIMAZINE	4 MCL

MCL: EPA-established standard, Maximum Containment Level  
Rfd: EPA-established standard, Reference Dose for a 10-kg Child  
HAL: EPA-established standard, Health Advisory Limit

\* For questions or comments regarding this data or other water quality issues, please contact Rick Carlson

**Results reported higher than the noted detection limit signifies a positive detection. All constituents listed without detection limits are reported as actual detections. For results reported below the detection limit, these indicate non-detectable levels.**