| | |
|---|---|
| **From:** | Greenberg, Ken |
| **To:** | Karlson, Kristine |
| **Subject:** | FW: Well #5 Data and Map |
| **Date:** | Friday, March 7, 2014 11:34:35 AM |
| **Attachments:** | image001.png<br>Well #5 Data.pdf<br>Wells East of the Chicken Ranch.pdf |

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## Good map of the egg farm and wells

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**From:** McKinley, Helen
**Sent:** Wednesday, March 05, 2014 12:56 PM
**To:** Greenberg, Ken; Overman, Pamela; Kabei, Arlene; Rodriguez, Roberto
**Subject:** FW: Well #5 Data and Map

# Additional data and a map from San P

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**From:** John Flores [mailto:JohnF@sanpasqualtribe.org]
**Sent:** Wednesday, March 05, 2014 8:41 AM
**To:** McKinley, Helen
**Subject:** Well #5 Data and Map

Hey Helen,

Attached is the data for well #5 and a map showing the location of the three new wells that we took a water sample for, as well as the location of Well #5.


***John Flores***

*Domestic Water Manager*
*San Pasqual Band of Mission Indians*
*Cell - 760.310.6697*
*Office - 760.749.3200. x 405*
*Fax 760.751.3485*
*JOHNF@SANPASQUALTRIBE.ORG*

IPAI

**WWE**
**Wright Water Engineers, Inc.**
**Durango Office**
**1666 N. Main Ave., Ste. C**
**Durango, Colorado 81301**
**(970) 259-7411** ***TEL***
**(970) 259-8758** ***FAX***

Ann w/ Wright Water Engineers called to inform me of correct order/pg #s and advised us to contact Environment Engineering Lab to have them update their contact info re: director chg
I made that call.
Carol

To: Rudy Ballon
Company: San Pasqual
Fax Number: 760-751-3485
Total Pages Including Cover: 7

From
Date: 1/21/04
Job Number: 021-161.010
Original Sent: YES NO

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Comments:

Rudy - attached is Well No. 5's water quality.
Please call if you have any questions.

Thanks,

Anne

***Please call Linda at (970) 259-7411 if you do not receive all pages.***

**Environmental Engineering Laboratory**
**3538 Hancock Street**
**San Diego, CA 92110**
**(619) 298-6131**

| | | | |
|---|---|---|---|
| **Recipient:** | JOHN VIDENT<br>SAN PASQUAL BAND OF MISS.IND.<br>P.O. BOX 365<br>VALLEY CENTER, CA 92082 | **Matrix:** | WATER |
| | | **Sampled:** | 10/21/2003 10:00 |
| | | **Received:** | 10/21/2003 12:15 |
| | | **Collection Address:** | |
| **Reference:** | 0320150 | **Sample Location:** | Well No. 5 |
| **Source Code:** | 0320150-002 | **Description:** | |
| **Sample #:** | | **Date Started:** | 10/21/2003 |
| **Project#:** | | **Date Completed:** | 01/20/2004 |
| **Comment:** | | **PS Code:** | |

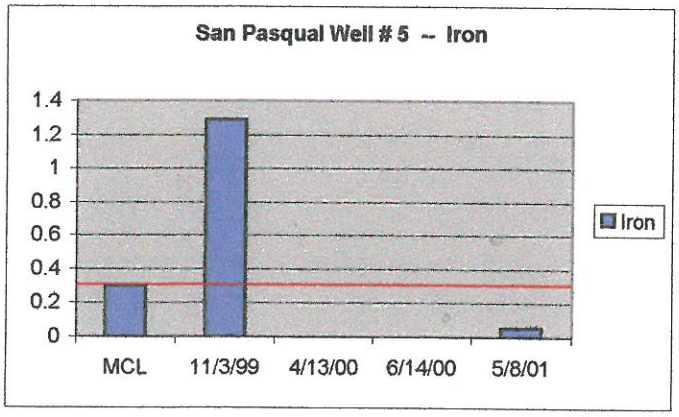
***Test Parameters***

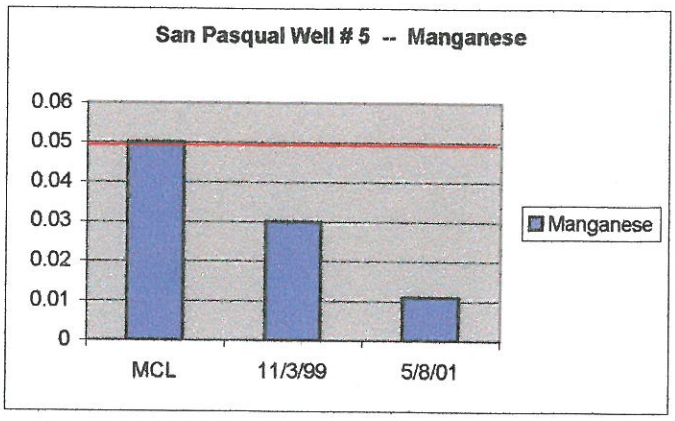
| Parameter | Result | Units | RL | MCL | Dilution Factor | Method | Date Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|
| Radium 226 | 0.0480 | pCi/L | 0 | 0 | 1 | EPA 903.1 | 12/19/2003 | MMC |
| Radium 228 | 0.763 | pCi/L | 0 | 0 | 1 | EPA 903.0 | 12/19/2003 | MMC |
| Tritium | -187.4 | pCi/L | 0 | 0 | 1 | EPA 906.0 | 10/29/2003 | MMC |
| Uranium | 62.8 | pCi/L | 0.5 | 20 | 1 | EPA 908.0 | 11/12/2003 | MMC |

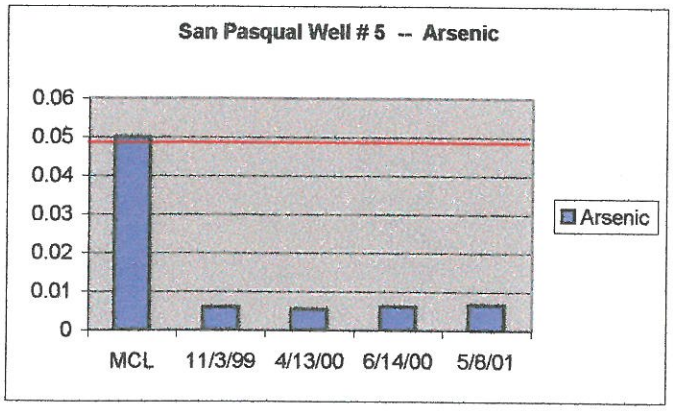
Approval: _____
Director

RL = Reporting Limit MCL = Maximum Contaminant Level MDL = Method Detection Limit N/A = Not Applicable

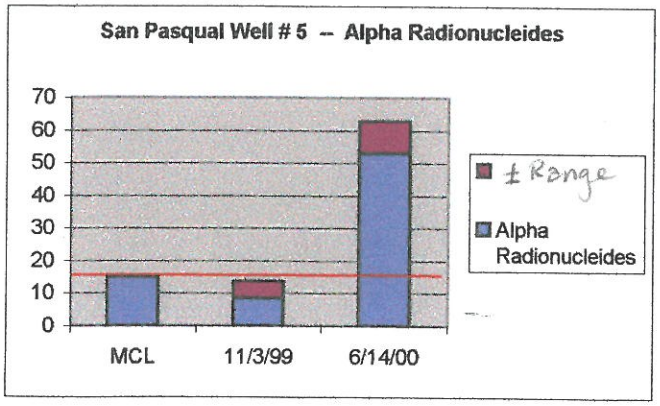
# Well # 5

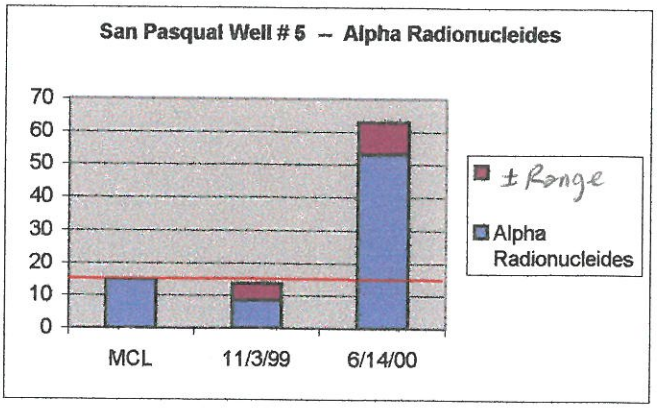



TOC?




Conclusions

1. This well needs continued Radionucleide Testing - Before a decision can be made to put it on line.

# AQUIFER TEST DATA

Owner _____ Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. 5 Distance from pumping well ±400' Type of test _____ Test No. _____

Measuring equipment _____

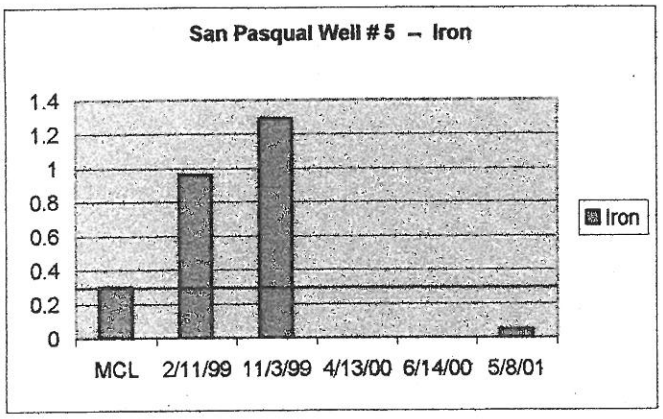
**Time Data**
Pump on: Date _____ Time _____ (t)
Pump off: Date _____ Time _____ (t')
Duration of aquifer test:
Pumping _____ Recovery _____

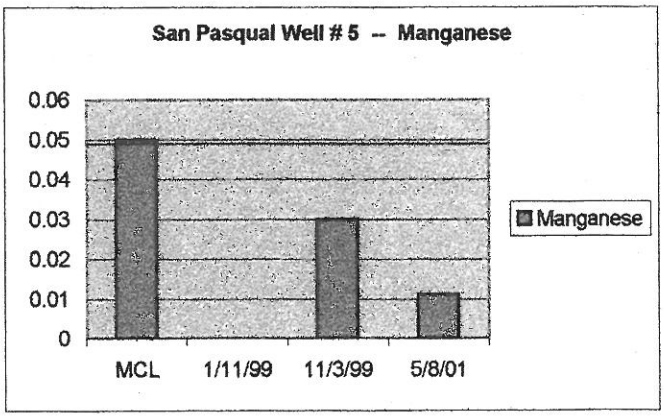
**Water Level Data**
Static water level _____
Measuring point _____
Elevation of measuring point _____

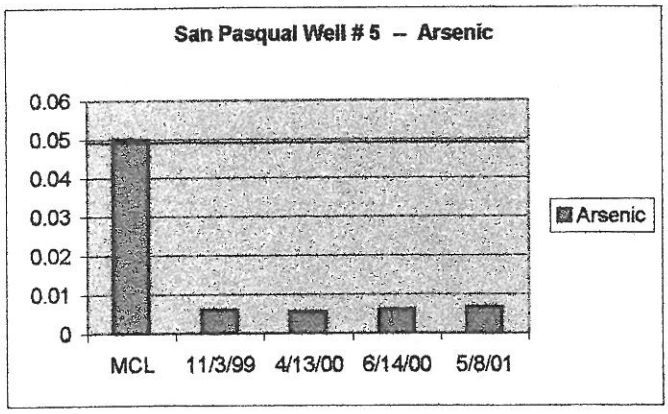
**Discharge Data**
How Q measured _____
Depth of pump/air line _____
Previous pumping? Yes ____ No ____
Duration _____ End _____

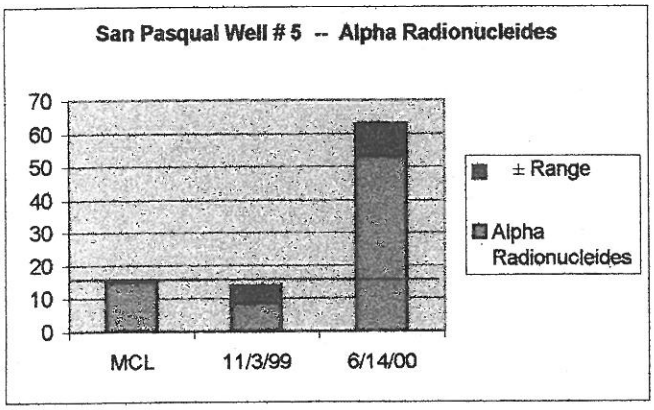
| Date | Clock time | Time since pump started t | Time since pump stopped t' | t/t' | | Water level measurement | Correction or Conversion | Water level | Water level change s or s' | | Discharge measurement | Rate | | Comments on factors affecting test data |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/20 | 1:42 | 0 | | | | 10½ | | | | | | | | |
| | | 90 | | | | 21½ | | | | | | | | |
| 10/20 | 337 | pm | | | | 26½ | | | | | | | | |
| | 504 | PM | | | | 28 | | | | | | | | |
| 10/20 | 830 | PM | | | | 36 | | | | | | | | |
| 10/21 | 755 | AM | | | | 38' | | | | | | | | |
| 10/21 | 12:10 | pm | | | | 44' | | | | | | | | |
| 10/21 | 1:07 | pm | | | | 41'10" | | | | | | | | |
| 10/21 | 2:05 | pm | | | | 41'2" | | | | | | | | |
| 10/21 | 3:07 | P.M | | | | 79'3" | | | | | | | | ← Well was turned on at 2:05 p.m |
| 10/21 | 3:50 | p.m | | | | 48'1" | | | | | | | | |
| 10/22 | 7:24 | AM | | | | 44'3" | | | | | | | | ← well was turned off at 3:05 p.m. |
| 10/22 | 10:15 | AM | | | | 87'3" | | | | | | | | |
| 10/22 | 12:26 | AM | | | | 91'2" | | | | | | | | Note: When water measurm drops, the Generator by well #5 is pumping |
| 10/22 | 12:16 | PM | | | | 66'4" | | | | | | | | |
| 10/22 | 12:17 | PM | | | | 88'9" | | | | | | | | |
| 10/22 | 2:18 | PM | | | | 95'9" | | | | | | | | water in to the big |
| 10/22 | 3:16 | PM | | | | 58'10" | | | | | | | | water tank. |
| 10/23 | 12:30 | PM | | | | 50'6" | | | | | | | | |
| 10/23 | 12:47 | pm | | | | 70'2" | | | | | | | | ← The Generator |
| 10/23 | 1:00 | pm | | | | 75'3" | | | | | | | | was turned on next |
| 10/23 | 1:22 | pm | | | | 77'5" | | | | | | | | to well 5 at 12:45pm |
| 10/23 | 1:55 | pm | | | | 79'2" | | | | | | | | |
| 10/23 | 2:35 | pm | | | | 79'10" | | | | | | | | |
| 10/23 | 3:35 | pm | | | | 46'4" | | | | | | | | ← Sometime between |
| | | | | | | | | | | | | | | and 3:30pm, the |
| | | | | | | | | | | | | | | was turned off by |

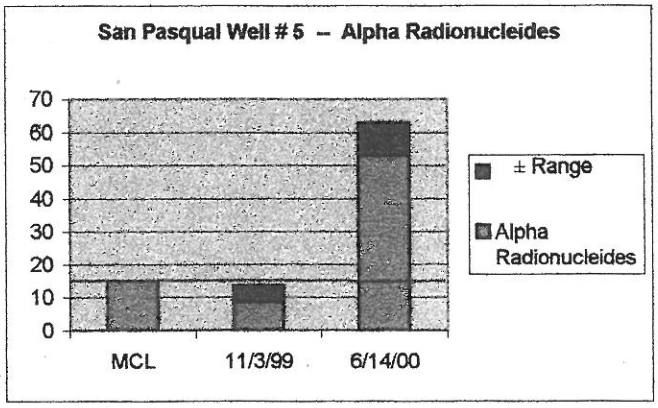
# Well # 5




CONCLUSIONS:

1. This well cannot be put into service until further radiological testing is carried out.
2. This well should also be monitored for Iron and Manganese.

Well #5
520' of 8" hole

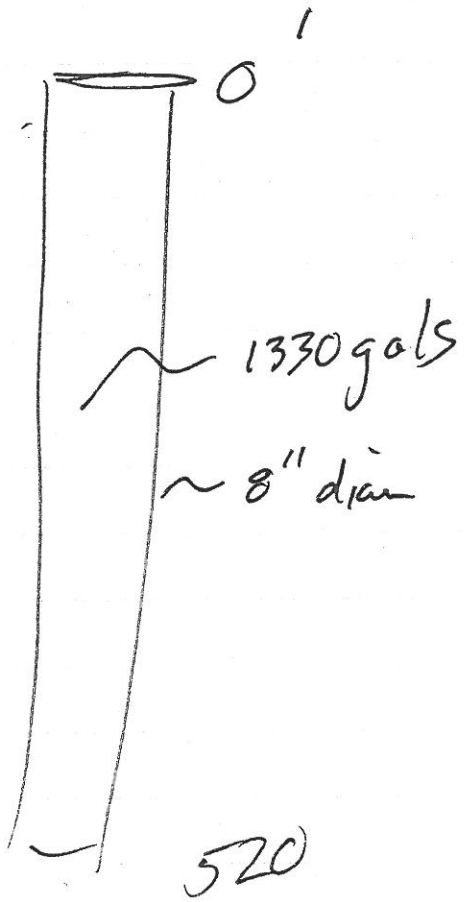
$$\left(\frac{4}{12}\right)^2 \pi = .3421 \text{ ft}^3 \times 7.48 \text{ gal/ft}^3$$

$$= 2.55 \text{ gal/ft} \times 520'$$

$$= 1330 \text{ gal / casing} \times 3 \text{ csg vols}$$

$$= 3990 \text{ gallons}$$

pump before sampling



Well #5

EEL
3538 Hancock St, San Diego
619 298-6131
Mike ~~Chambers~~ Harris

Each new well w/ Water

general minerals $150-200

general inorganics $140

radionuclides ; Gross α & β - $90
Radium 226+228 - $75
Ur $75

± $580/sample

WELL NO 5

Radionuclides ; same as above

| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| VO | 1,1 Dichloroethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,1 Dichloroethene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,1 Dichloropropene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,1,1 Trichloroethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,1,1,2 Tetrachloroethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,1,2 Trichloroethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,1,2,2 Tetrachloroethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2 Dibromo-3-chloropropane (DB) | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2 Dibromoethane (EDB) | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2 Dichlorobenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2 Dichloroethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2 Dichloropropane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2,3 Trichlorobenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2,3 Trichloropropane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2,4 Trichlorobenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,2,4 Trimethylbenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,3 Dichlorobenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,3 Dichloropropane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,3,5 Trimethylbenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 1,4 Dichlorobenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 2,2 Dichloropropane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| SVO | 2,2',"3,3',4,4',6' Hexachlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | 2,2',3,3',4,5',6,6'-Octachlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | 2,2',3',4,6-Pentachlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | 2,2',4,4',5,6' Hexachlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | 2,2',4,4',-Tetrachlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | 2,3 Dichlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| VO | 2,3,7,8 TCDD Dioxin | 8280 | ng/L | | | | 0.0081 | |
| VO | 2,4 D | 515 | µg/L | 0.2 | | | ND | |
| VO | 2,4 DB | 515 | µg/L | 0.2 | | | ND | |
| SVO | 2,4 Dinitrotoluene | 525.2 | µg/L | 1.0 | | | ND | |
| VO | 2,4,5 T | 515 | µg/L | 0.2 | | | ND | |
| VO | 2,4,5 TP | 515 | µg/L | 0.2 | | | ND | |

| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| SVO | 2,4,5-Trichlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | 2,6 Dinitrotoluene | 525.2 | µg/L | 1.0 | | | ND | |
| VO | 2-Butanone (MEK) | 8260 | µg/L | 100 | 4J | ND | ND | ND |
| SVO | 2-Chlorobiphenyl | 525.2 | µg/L | 1.0 | | | ND | |
| VO | 2-Chlorotoluene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 3,5 Dichlorobenzoic acid | 515 | µg/L | 0.2 | | | ND | |
| CARB | 3-Hydroxycarbofuran | 531.1 | Mg/L | 5 | ND | | | |
| VO | 4 Nitrophenol | 515 | µg/L | 0.2 | | | ND | |
| OPST | 4,4' DDD | 8081 | µg/L | 0.1 | ND | | | |
| OPST | 4,4' DDE | 8081 | µg/L | 0.1 | ND | | | |
| OPST | 4,4' DDT | 8081 | µg/L | 0.1 | ND | | | |
| VO | 4-Chlorotoluene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | 4-Isopropyltoluene | 524.2 | µg/L | 0.5 | | | ND | |
| VO | 4-Methyl-2-pentanone (MIBK) | 8260 | µg/L | 50 | ND | ND | | ND |
| VO | 5 Hydroxydicamba | 515 | µg/L | 0.2 | | | ND | |
| SVO | Acenaphthalene | 525.2 | µg/L | 1.0 | | | ND | |
| VO | Acetone | 8260 | µg/L | 100 | 31J | 23J | | ND |
| VO | Acifluoren | 515 | µg/L | 0.2 | | | ND | |
| OPST | Alachlor | 505 | µg/L | 0.3 | | | ND | |
| CARB | Aldicarb | 531.1 | µg/L | 5 | ND | | | |
| CARB | Aldicarb sulfone | 531.1 | µg/L | 5 | ND | | | |
| CARB | Aldicarb sulfoxide | 531.1 | µg/L | 5 | ND | | | |
| OPST | Aldrin | 8081 | µg/L | 0.05 | ND | | ND | |
| PHY | Alkalinity | 310.0 | mg/l | 2 | 238 | | 184 | |
| OPST | alpha BHC | 8081 | µg/L | 0.05 | ND | | | |
| OPST | alpha-Chlordane | 505 | µg/L | 0.3 | | | ND | |
| CHEM | Aluminum | 200.8 | Mg/L | 0.005 | | | ND | |
| OPHO | Ametryn | 507 | µg/L | 0.20 | | | ND | |
| CHEM | Amonia | 350.2 | Mg/L | 0.05 | | | 0.070 | |
| SVO | Anthracene | 525.2 | µg/L | 1.0 | | | ND | |
| CHEM | Antimony | | Mg/L | | | | | |
| OPST | Arochlor 1016 | 505 | µg/L | 3.0 | | | ND | |
| OPST | Arochlor 1221 | 505 | µg/L | 3.0 | | | ND | |

Well 5

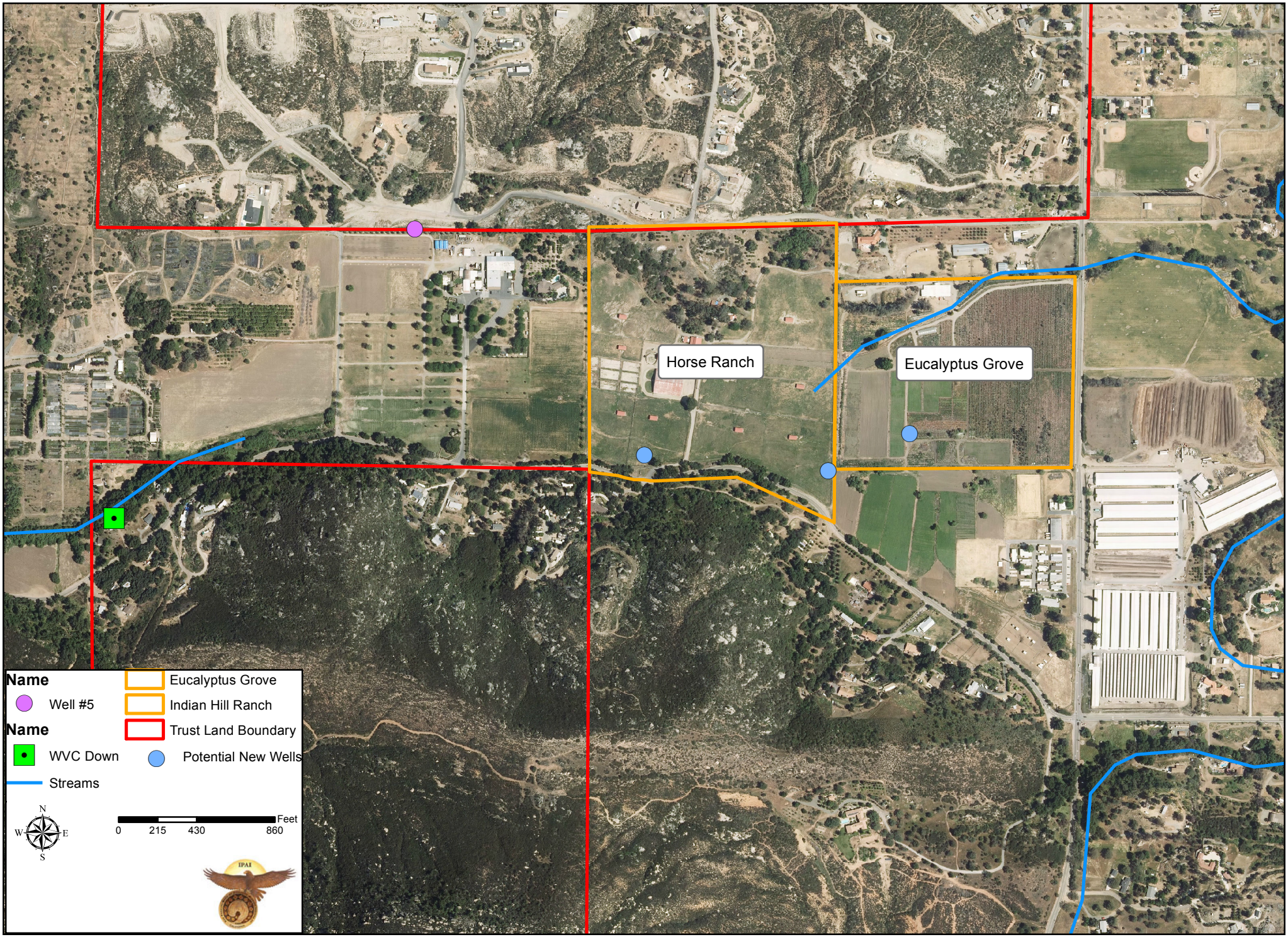
| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| OPST | Arochlor 1232 | 505 | µg/L | 3.0 | | | ND | |
| OPST | Arochlor 1242 | 505 | µg/L | 3.0 | | | ND | |
| OPST | Arochlor 1248 | 505 | µg/L | 3.0 | | | ND | |
| OPST | Arochlor 1254 | 505 | µg/L | 3.0 | | | ND | |
| OPST | Arochlor 1260 | 505 | µg/L | 3.0 | | | ND | |
| CHEM | Arsenic, AS | 6010 | Mg/L | 0.005 | 0.0055 | 0.0062 | 0.006 | 0.0066 |
| PHY | Asbestos | 600/R-93-116 | % | 1.0 | | | ND | |
| OPHO | Atraton | 507 | µg/L | 0.20 | | | ND | |
| OPST | Atrazine | 505 | µg/L | 0.3 | | | ND | |
| OPHO | Azinphos methyl | 8141 | µg/L | 2 | ND | | | |
| CHEM | Barium | 200.8 | Mg/L | 0.010 | | | ND | |
| CARB | Baygon (Propoxur) | 531.1 | µg/L | 5 | ND | | | |
| VO | Bentazon | 515 | µg/L | 0.2 | | | ND | |
| VO | Benzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| SVO | Benzo(a)anthracene | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Benzo(a)pyrene | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Benzo(b)anthracene | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Benzo(b)fluoranthene | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Benzo(k)fluoranthene | 525.2 | µg/L | 1.0 | | | ND | |
| CHEM | Beryllium | 200.8 | Mg/L | 0.001 | | | ND | |
| OPST | beta BHC | 8081 | µg/L | 0.05 | ND | | | |
| CHEM | Bicarbonate | SM2320B | mg/l | 2 | 172 | | 184 | |
| SVO | bis(2-Ethylhexyl)adipate | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Bis(2-ethylhexyl)phthalate | 525.2 | µg/L | 1.0 | | | ND | |
| OPHO | Bolstar (Sulprofos) | 8141 | µg/L | 1 | ND | | | |
| OPHO | Bromacil | 507 | µg/L | 0.20 | | | ND | |
| VO | Bromobenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Bromochloromethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Bromodichloromethane | 524.2 | µg/L | 0.5 | | | ND | ND |
| VO | Bromoform | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Bromomethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| OPHO | Butachlor | 507 | µg/L | 0.20 | | | ND | |
| SVO | Butyl Benzylphthalate | 525.2 | µg/L | 1.0 | | | ND | |

| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| OPHO | Butylate | 507 | µg/L | 0.20 | | | ND | |
| CHEM | Cadmium, Cd | 6010 | Mg/L | 0.002 | 0.045 | ND | ND | |
| CHEM | Calcium | 200.8 | Mg/L | 0.100 | | | 69.3 | |
| CARB | Carbaryl | 531.1 | µg/L | 5 | ND | | | |
| CARB | Carbofuran | 531.1 | Mg/L | 5 | ND | | | |
| VO | Carbon disulfide | 8260 | µg/L | 5 | ND | ND | | ND |
| VO | Carbon tetrachloride | 8260 | µg/L | 5 | ND | ND | ND | ND |
| CHEM | Carbonate | SM2320B | mg-CaCP3/l | 2 | ND | | 0 | |
| VO | Chloramben | 515 | µg/L | 0.2 | | | ND | |
| OPST | Chlordane | 8081 | µg/L | 2 | ND | | ND | |
| CHEM | Chloride Cl- | 300.0 | Mg/L | 0.2 | 53 | | 85 | |
| VO | Chlorobenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Chlorodibromomethane | 8260 | µg/L | 5 | ND | ND | | ND |
| VO | Chloroethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Chloroform | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Chloromethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| OPHO | Chlorpropham | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Chlorpyrifos | 8141 | µg/L | 11 | ND | | | |
| CHEM | Chromium, Cr | 6010 | Mg/L | 0.005 | ND | | ND | |
| SVO | Chrysene | 525.2 | µg/L | 1.0 | | | ND | |
| VO | cis-1,2 Dichloroethene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | cis-1,3 Dichloropropene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| OPST | cis-Nonachlor | 505 | µg/L | 0.3 | | | ND | |
| PHY | Color | 110.0 | Units | 1.0 | | | 10 | |
| CHEM | Copper, Cu | 6010 | Mg/L | 0.01 | ND | | ND | |
| OPHO | Cuomaphos | 8141 | µg/L | 2 | ND | | | |
| CHEM | Cyanide | 335.2 | Mg/L | 0.05 | ND | | <0.02 | |
| OPHO | Cycloate | 507 | µg/L | 0.20 | | | ND | |
| VO | Dalapon | 515 | µg/L | 0.2 | | | ND | |
| VO | DCAA | 515 | µg/L | 0.2 | | | ND | |
| VO | DCPA | 515 | µg/L | 0.2 | | | ND | |
| OPST | delta BHC | 8081 | µg/L | 0.05 | ND | | | |
| OPHO | Demeton | 8141 | µg/L | 1 | ND | | | |

| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| OPHO | Diazinon | 8141 | µg/L | 1 | ND | | ND | |
| SVO | Dibenzo(a,h)anthracene | 525.2 | µg/L | 1.0 | | | ND | |
| VO | Dibromochloromethane | 524.2 | µg/L | 0.5 | | | ND | |
| VO | Dibromochloropropane | 504 | µg/L | 0.05 | | | ND | |
| VO | Dibromomethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Dicamba | 515 | µg/L | 0.2 | | | ND | |
| VO | Dichlorodifluoromethane | 8260 | µg/L | 5 | ND | ND | ND | ND |
| OPHO | Dichlorovos | 8141 | µg/L | 1 | ND | | ND | |
| VO | Dichlorprop | 515 | µg/L | 0.2 | | | ND | |
| OPST | Dieldrin | 8081 | µg/L | 0.1 | ND | | ND | |
| SVO | Diethyl phthalate | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Dimethyl phthalate | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Di-n-butyl phthalate | 525.2 | µg/L | 1.0 | | | ND | |
| VO | Dinoseb | 515 | µg/L | 0.2 | | | ND | |
| OPHO | Diphenamid | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Diquat | | µg/L | | | | ND | |
| OPHO | Disulfoton | 8141 | µg/L | 1 | ND | | ND | |
| OPST | Endosulfan I | 8081 | µg/L | 0.05 | ND | | | |
| OPST | Endosulfan II | 8081 | µg/L | 0.1 | ND | | | |
| OPST | Endosulfan sulfate | 8081 | µg/L | 0.5 | ND | | | |
| OPHO | Endothall | | µg/L | | | | ND | |
| OPST | Endrin | 8081 | µg/L | 0.1 | ND | | ND | |
| OPST | Endrin aldehyde | 8081 | µg/L | 0.1 | ND | | | |
| OPST | Endrin Ketone | 8081 | µg/L | 0.1 | ND | | | |
| OPHO | EPTC | 507 | µg/L | 0.20 | | | ND | |
| VO | Ethelyene Dibromide EDB | 504 | µg/L | 0.05 | | | ND | |
| OPHO | Ethoprop | 8141 | µg/L | 1 | ND | | ND | |
| VO | Ethylbenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| BACT | Fecal Coliform, MTF 5 tubes | SM9221E | MPN/100mL | | A | | | A |
| OPHO | Fenarimol | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Fensulfothion | 8141 | µg/L | 1 | ND | | | |
| OPHO | Fenthion | 8141 | µg/L | 1 | ND | | | |
| CHEM | Flouride F- | 300.0 | Mg/L | 0.1 | <2.5 | | 0.31 | |

| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| SVO | Fluoranthene | 525.2 | µg/L | 1.0 | | | ND | |
| SVO | Fluorene | 525.2 | µg/L | 1.0 | | | ND | |
| OPHO | Fluridone | 507 | µg/L | 0.20 | | | ND | |
| OPST | gamma BHC (Lindane) | 8081 | µg/L | 0.05 | ND | | ND | |
| OPST | gamma-Chlordane | 505 | µg/L | 0.3 | | | ND | |
| OPHO | Glyphosate | | µg/L | | | | ND | |
| CHEM | Gross Alpha | | pCi/L | | | 58±5 | 11±2.6 | |
| CHEM | Gross Beta | | pCi/L | | | 12±3 | | |
| PHY | Hardness, Total | 130.1 | Mg/L | 0.2 | | | 209 | |
| OPST | Heptachlor | 8081 | µg/L | 0.05 | ND | | ND | |
| OPST | Heptachlor epoxide | 8081 | µg/L | 0.05 | ND | | | |
| OPST | Heptachlorobenzene | 505 | µg/L | 0.3 | | | ND | |
| BACT | Heterotrophic Plate Count DF=1 | SM9215 | CFU/mL | 1 | 2.0 | | | 49 |
| SVO | Hexachlorobenzene | 525.2 | µg/L | 1.0 | | | ND | |
| VO | Hexachlorobutadiene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| OPST | Hexachlorocyclopentadiene | 505 | µg/L | 0.3 | | | ND | |
| CHEM | Hydroxide | SM 2320 | Mg/L | 0.4 | | | 0 | |
| SVO | Indeno(1,2,3-cd)pyrene | 525.2 | µg/L | 1.0 | | | ND | |
| CHEM | Iron, Fe | 6010 | Mg/L | 0.05 | ND | | 1.29 | 0.052 |
| SVO | Isophorone | 525.2 | µg/L | 1.0 | | | ND | |
| VO | Isopropylbenzene | 524.2 | µg/L | 0.5 | | | ND | |
| VO | Isopropylbenzene (Cumene) | 8260 | µg/L | 5 | ND | ND | | ND |
| CHEM | Lead, Pb | 6010 | Mg/L | 0.005 | ND | | ND | |
| VO | m/p Xylene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| CHEM | Magnesium | 200.8 | Mg/L | 0.100 | | | 8.82 | |
| CHEM | Manganese | 200.8 | Mg/L | 0.005 | | | 0.030 | 0.011 |
| CHEM | MBAS | 425.1 | Mg/L | 0.10 | | | <0.10 | |
| CHEM | Mercury, Hg | 7470 | Mg/L | 0.0005 | ND | | ND | |
| OPHO | Merphos | 8141 | µg/L | 1 | ND | | ND | |
| CARB | Methiocarb | 531.1 | Mg/L | 5 | ND | | | |
| OPHO | Methoachlor | 507 | µg/L | 0.20 | | | ND | |
| CARB | Methomyl | 531.1 | Mg/L | 5 | ND | | | |
| OPST | Methoxychlor | 8081 | µg/L | 2 | ND | | ND | |

| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| OPHO | Methyl paraoxon | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Methyl Parathion | 8141 | µg/L | 1 | ND | | | |
| VO | Methylene chloride | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | Methyl-t-Butyl ether (MTBE) | 8260 | µg/L | 10 | ND | ND | ND | ND |
| OPHO | Metribuzin | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Mevinphos | 8141 | µg/L | 2 | ND | | ND | |
| OPHO | MGK 264 | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Molinate | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Naled | 8141 | µg/L | 1 | ND | | | |
| OPHO | Napropamide | 507 | µg/L | 0.20 | | | ND | |
| VO | Napthalene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | n-Butylbenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| CHEM | Nickel | 200.8 | Mg/L | 0.005 | | | ND | |
| CHEM | Nitrate (NO3-) as N | 300.0 | Mg/L | 0.04 | 3.2 | | 4.60 | 5.11 |
| CHEM | Nitrite | 353.3 | Mg/L | 0.02 | | | 0.063 | |
| OPHO | Norflurazon | 507 | µg/L | 0.20 | | | ND | |
| VO | n-Propylbenzene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| VO | o Xylene | 8260 | µg/L | 5 | ND | ND | ND | ND |
| PHY | Odor | 140.1 | TON | 1.0 | | | 1.0 | |
| CARB | Oxamyl | 531.1 | µg/L | 5 | ND | | | |
| OPHO | Pebulate | 507 | µg/L | 0.20 | | | ND | |
| SVO | Pentachlorophenol | 525.2 | µg/L | 1.0 | | | ND | |
| CHEM | Perchlorate DF=25 | M300.0 | Mg/L | 0.004 | ND | | | |
| PHY | pH | 9040 | pH unit | 0.01 | 7.82 | | 7.4 | 7.76 |
| SVO | Phenanthrene | 525.2 | µg/L | 1.0 | | | ND | |
| OPHO | Phorate | 8141 | µg/L | 1 | ND | | | |
| CHEM | Phosphorus, Orthophosphate | 300.0 | Mg/L | 0.1 | <2.5 | | | |
| VO | Picloram | 515 | µg/L | 0.2 | | | ND | |
| VO | p-Isopropyltoluene | 8260 | µg/L | 5 | ND | ND | | ND |
| CHEM | Potassium | 200.8 | Mg/L | 0.100 | | | 4.57 | |
| OPHO | Prometon | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Prometryn | 507 | µg/L | 0.20 | | | ND | |
| OPHO | Pronamide | 507 | µg/L | 0.20 | | | ND | |

| Class | Component | Method | Units | PQL | 4/13/00 | 6/14/00 | 11/3/99 | 5/8/01 |
|---|---|---|---|---|---|---|---|---|
| VO | Trichlorofluoromethane | 8260 | µg/L | 5 | ND | 0.6J | ND | ND |
| OPHO | Trichloronate | 8141 | µg/L | 1 | ND | | | |
| OPHO | Tricyclazole | 507 | µg/L | 0.20 | | | ND | |
| PHY | Turbidity | 180.1 | NTU | 0.01 | 0.47 | | 4.92 | |
| OPHO | Vernolate | 507 | µg/L | 0.20 | | | ND | |
| VO | Vinyl Chloride | 8260 | µg/L | 5 | ND | ND | ND | ND |
| CHEM | Zinc | 6010 | Mg/L | 0.01 | | ND | ND | 0.026 |

# Wells East of the Chicken Ranch