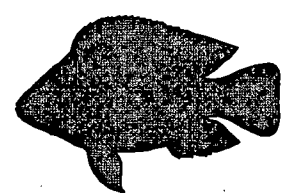


AMERICULTURE

EXHIBIT

16



AmeriCulture

Environmental Track Record

GT-1 Chemicals Master List (OCD Website 10-01-08)		Chemicals Presented at WQCC Hearing (12-01-08)		
Product	Function	Chemical Constituent	Function	Product
Biosperse 250	Microbiocide	2-Methyl-4-Isothiazolin-3-One	Cooling Water Treatment	3DT189
Midland 203	Oxygen Scavenger	Cobalt Compounds		
Biosperse 250	Microbiocide	Cupric Nitrate		
Wrico Oxy 11	Corrosion Inhibitor	Cyclohexylamine		
Wrico Oxy 11	Corrosion Inhibitor	EDTA		
Biosperse 250	Microbiocide	Magnesium Chloride		
Biosperse 250	Microbiocide	Magnesium Nitrate		
Catalyzed Sulfite	Anti-scalant	Phosphoric Acid		
Millisperse	Anti-scalant	Phosphoric Acid Derivative		
		Poly (Maleic Acid)		
Amerisite 2	Corrosion Inhibitor	Sodium Bisulfite	Chlorine Scavenger	Nalco 7408
Catalyzed Sulfite	Anti-scalant	Sodium Bromide	Biocide	Towerbrom 960
		Sodium Chloride	Biocide	Towerbrom 960
		Sodium Dichloroisocyanurate		
Sodium Hydroxide	pH Adjustor and H2S Abator	Sodium Hydroxide		
		Sodium Hypochlorite		
Midland 203	Oxygen Scavenger	Sodium Metabisulfite	Microorganism Control Chemical	Nalco 7341
Wrico Oxy 11	Corrosion Inhibitor	Sodium Sulfite		
Drew 11-480	Corrosion Inhibitor	Soya Amine Poly	Cooling Water Treatment	3DT189
		Substituted Aromatic Amine		
Sulfuric Acid	Anti-scalant	Sulfuric Acid	Cooling Water Treatment	3DT189

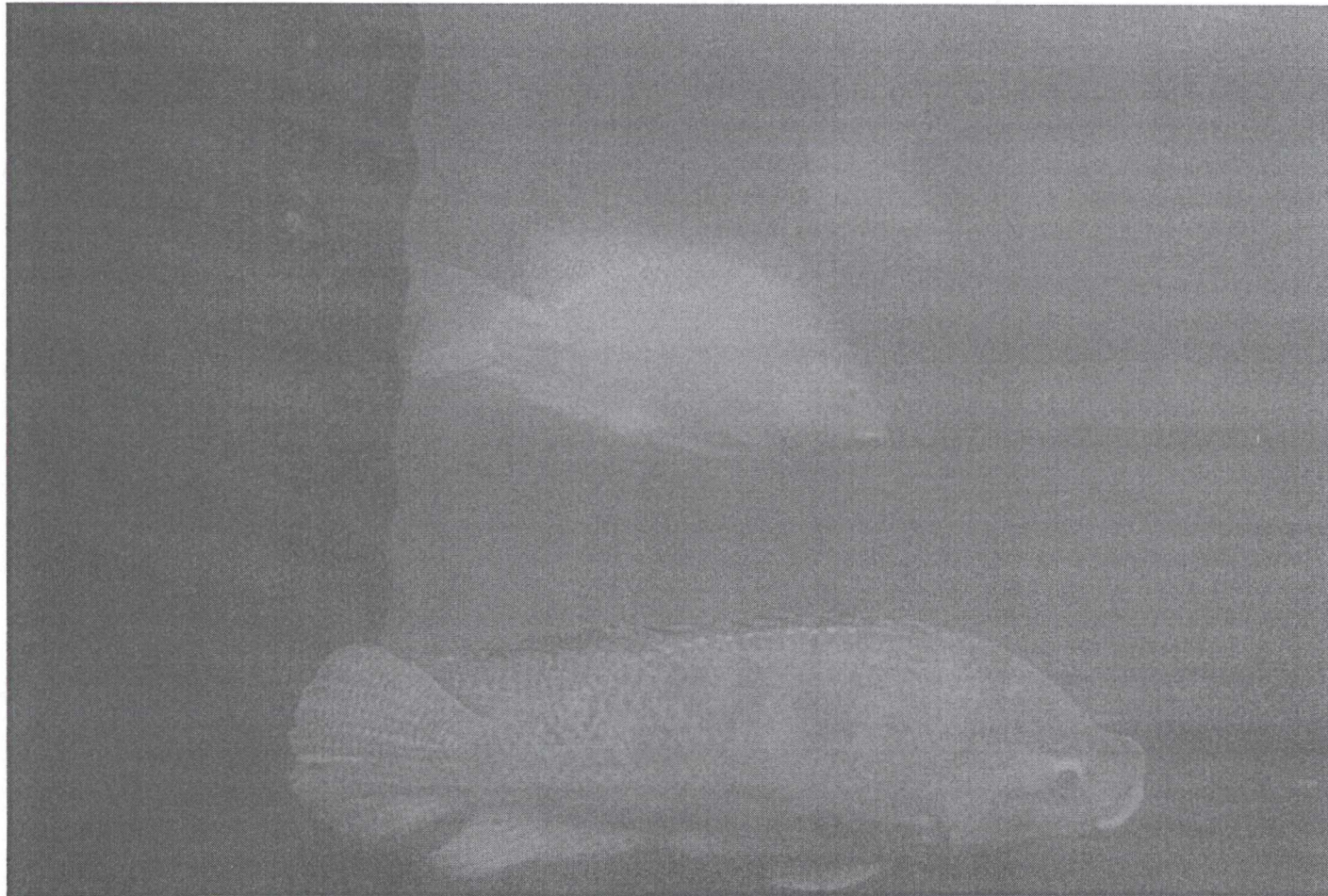
Total Chemical Species:

21

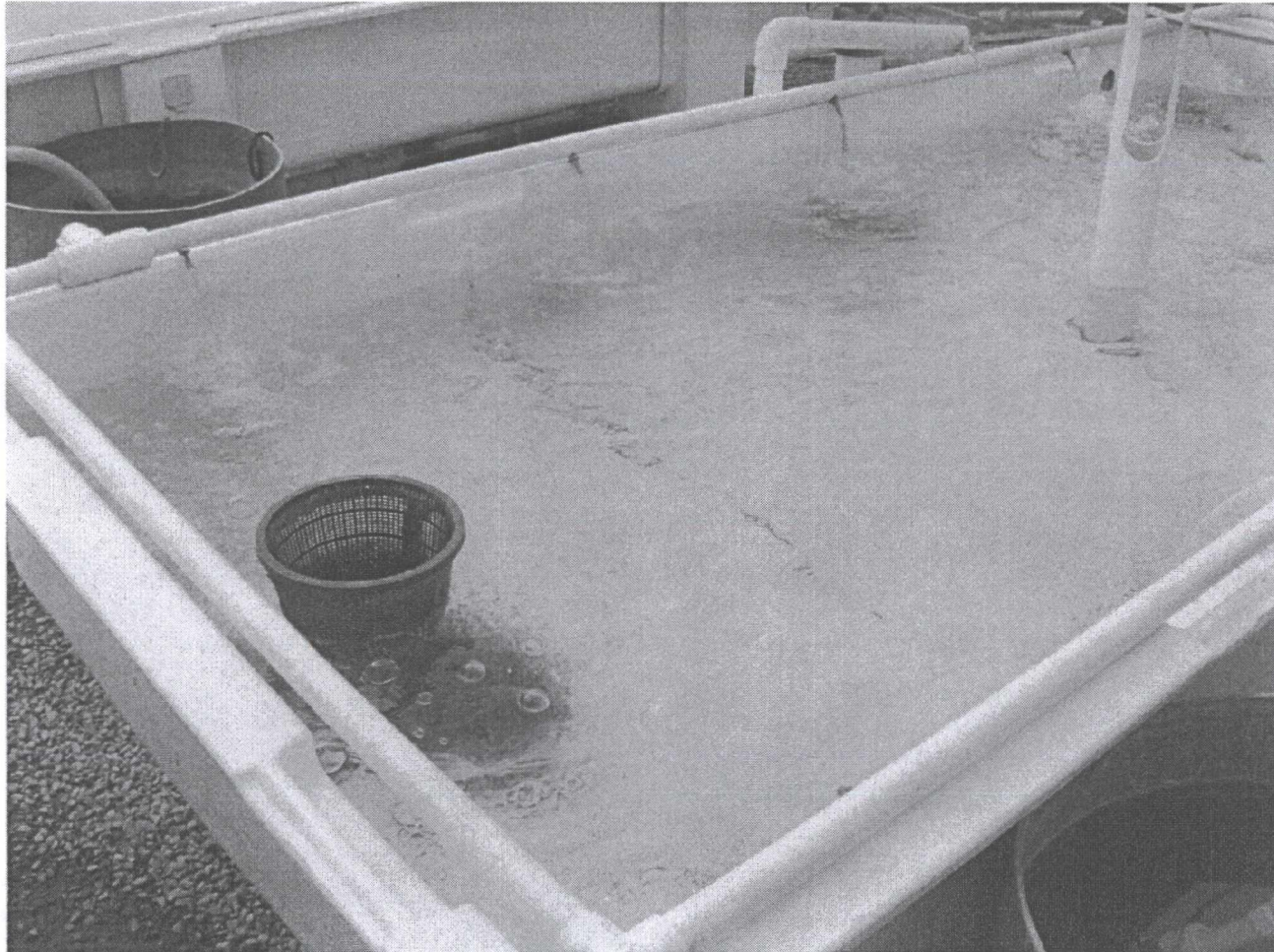
Chemical Species in Common:

2

Water Contamination



Hatchery Water





Affects on AmeriCulture

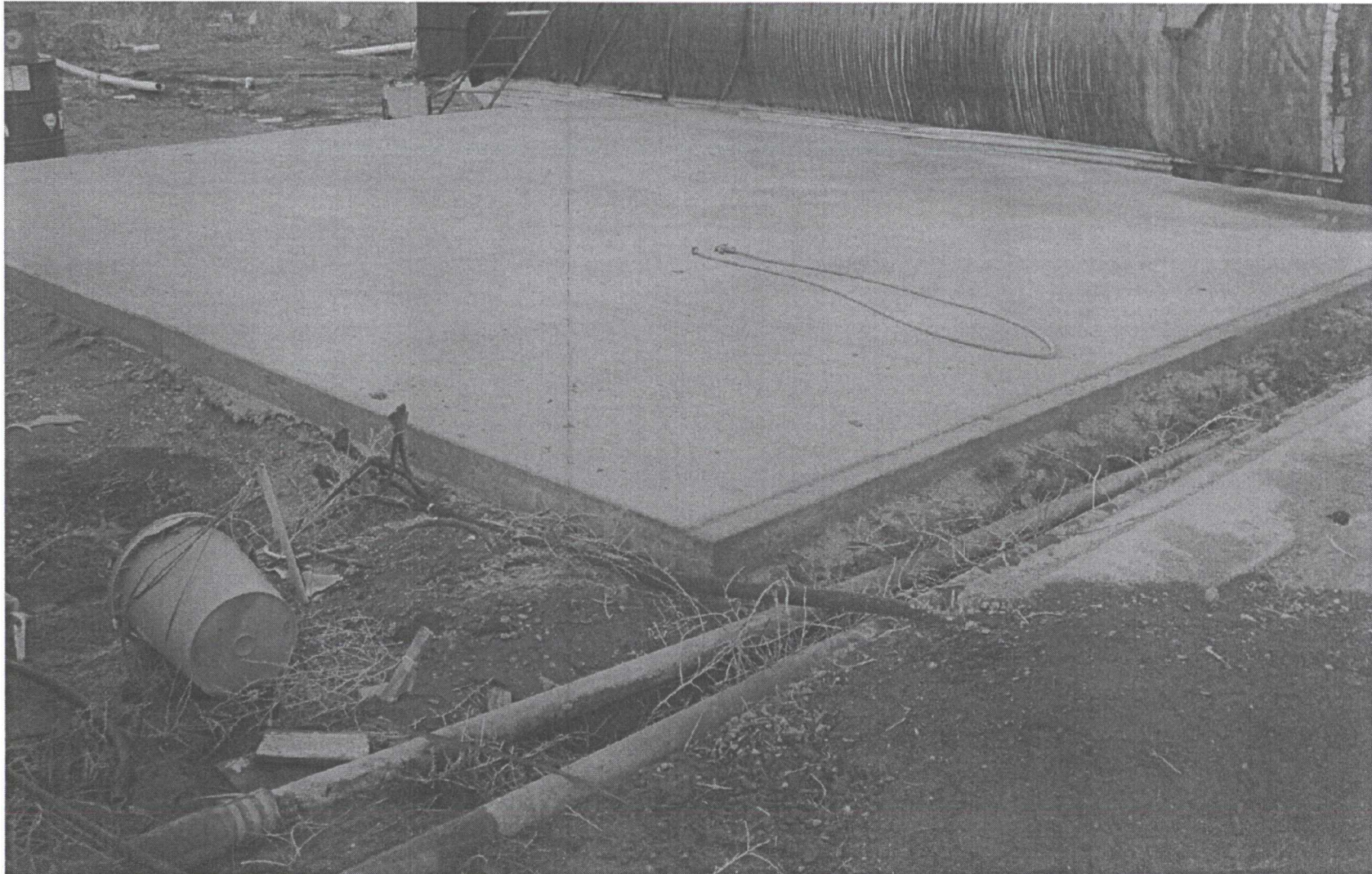
- Eggs
- Fry
- Breeders
- Customers

Cyrq Response

- Fourteen months
- Millions in exploration and drilling
- No effort to remediate contamination

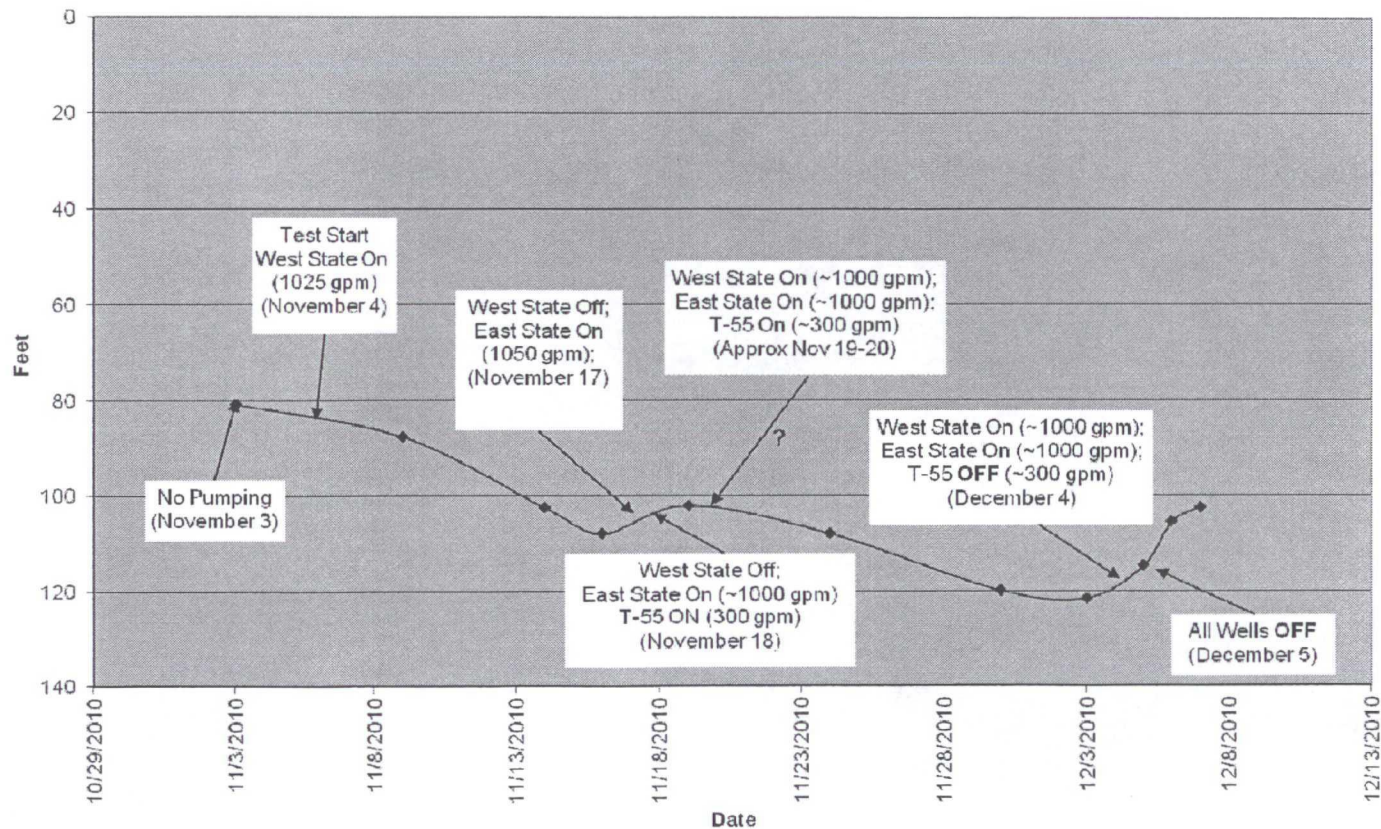
Cyrq Remediation Effort

14 months following contamination



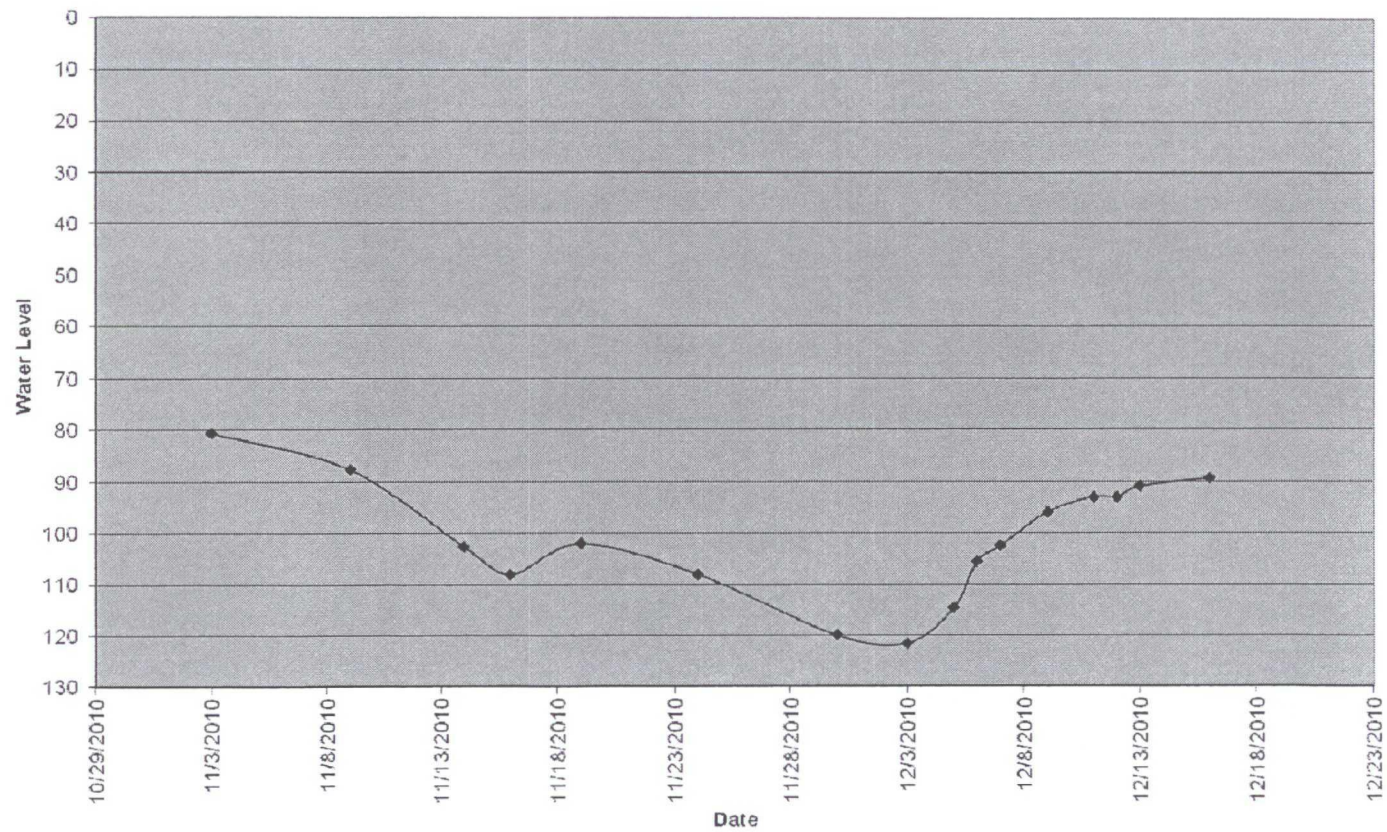
Raser Interference Test

Water Level AmeriCulture State 1



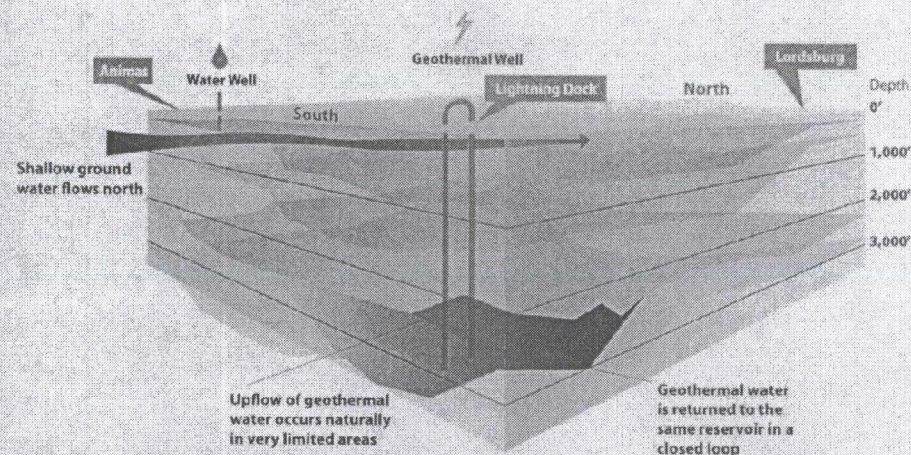
Recovery

Raser Flow Test Drawdown



“Closed Loop”

Lightning Dock Geothermal Project Protecting our Water Resources



Key Fact: Wells for domestic and irrigation wells tap a shallow aquifer that is separate from the deep geothermal reservoir.

Proven Clean Technology

Separate Water Sources

Wells for domestic and irrigation wells tap a shallow aquifer that is separate from the deep geothermal reservoir.

No Depletion of Water

The geothermal water is returned into the same deep reservoir to be reheated. This ensures the hot water resource is not depleted.

Water Monitoring

Several wells will be equipped with sensors to constantly monitor the depth and water quality of the shallow ground water.

Wells are Cased & Sealed

Since the production of geothermal energy relies on very warm water temperatures, wells are cased and sealed against the surface water table to protect both the ground water, and the temperature of the deep geothermal water reservoir.

A Well Studied Resource

Environmental Impact Study shows No Significant Impact. Environmental permitting (NEPA) has been completed with the resulting Finding of No Significant Impact (FONSI) for the development, including the transmission path.

Resource Research By Three Independent Organizations

The geologic structure and hydrology have been examined by United States Geological Survey, GeothermEx, US Department of Energy and some of the most experienced geothermal geologists and engineers over four decades. They have reached remarkably similar conclusions about the energy reserves.

Economic Benefits for the Community

Economic studies prove the benefits to the local area. The project will add tax revenue, royalties, and a number of employment opportunities. It also establishes Animas, New Mexico as a producer of clean, renewable energy.

raser
TECHNOLOGIES

1-801-765-1200
www.rasertech.com