



TEXAS INSTRUMENTS

FrackFest

Raising Awareness to Save our Environment

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TEXAS INSTRUMENTS

- **HELP TO MAKE THE WORLD SMARTER, SAFER, GREENER, HEALTHIER AND MORE FUN**



trucks of
water for
each well

200

FRACKING

HYDRAULIC FRACTURING

Fracturing fluid (a mix of water, sand, and chemicals) is pumped into the well

The pressure causes the rock surrounding the pipe to crack

The proppants hold open these cracks to allow the trapped natural gas to escape

Gas flows up the well to be collected

POTENTIAL RISKS

groundwater contamination
air quality degradation

WATER
SAND
CHEMICALS

70 to 140 billion

GALLONS of water used to fracture 35,000 wells in the U.S. each year

equals approximately the
ANNUAL WATER CONSUMPTION
of 40 to 80 cities with
population 50,000

(sand or
ceramic
beads)

300,000 to 4 million

pounds of proppants
used per well

various chemicals make up

0.5% to 2.0% = 330 TONS

total volume of fracturing fluid

up to

330 TONS

NATURAL GAS

WHAT IS FRACKING?

- **THE PROCESS OF DRILLING DOWN INTO THE EARTH BEFORE A HIGH-PRESSURE WATER MIXTURE IS DIRECTED AT THE ROCK TO RELEASE THE GAS INSIDE**
- **DAMAGES THE SURROUNDING EARTH WHEN RELEASING THE TRAPPED GAS**
- **GREAT FOR THE ECONOMY, BAD FOR THE ENVIRONMENT**
- **CAUSES VARIOUS TYPES OF POLLUTION**
- **PUTS A LOT OF STRESS ON THE EARTH'S CRUST**

BACKGROUND

- **DALLAS HAS BEEN A HUB FOR HEAVY DRILLING FOR A LONG TIME**
- **DALLAS RESIDENTS HAVE RECENTLY BEEN EXPERIENCING THE EFFECTS OF FRACKING**
- **THERE HAVE BEEN SEVERAL SMALL QUAKES AROUND THE DFW AREA**
- **INCREASE IN WATER CONTAMINATION**

PROPOSAL: FRACKFEST

- **RAISE AWARENESS**
- **INCREASE THE KNOWLEDGE DALLAS CITIZENS HAVE ON HYDRAULIC FRACTURING**
- **GET THE CONVERSATION ON FRACKING TO BECOME MORE WIDESPREAD AROUND DFW**
- **ENGAGE ACTIVISTS TO SHOW THE PEOPLE OF DALLAS HOW MANY PEOPLE ARE AGAINST FRACKING**

**STOP
Fracking**



PROPOSAL

- **FRACKFEST IS A 5K RUN ALONG THE TRINITY RIVER, FOLLOWED BY A FESTIVAL FOR THE PARTICIPANTS AND ANYONE ELSE WHO WANTS TO COME**
- **AT THE END OF THE RACE, BREAKFAST IS PROVIDED TO RUNNERS AND THEN THEY CAN ENJOY THE FESTIVAL**
- **THE FESTIVAL PORTION OF FRACKFEST CONSISTS OF EDUCATIONAL BOOTHS, LIVE MUSIC, FOOD TRUCKS, AND GUEST SPEAKERS**

BUDGET

- **DUE TO THE NATURE OF THIS ISSUE, WE INTEND TO HAVE THE MAJORITY OF OUR WORKERS AND FUNDING COME FROM VOLUNTEERS AND SPONSORS**
- **WE BELIEVE COMPANIES WILL BE WILLING TO SPONSOR CERTAIN ASPECTS OF THIS EVENT, IN ORDER TO GET PUBLICITY**
- **TO PAY FOR A PORTION OF THE COSTS, WE INTEND TO CHARGE EACH PARTICIPANT IN THE 5K \$25**

BUDGET

Item	Cost
T-Shirts	\$2,500
Number/Tracking Chip	\$12,500
Breakfast	\$2,000
Festival Sound Equipment	\$10,000
Speaker Fees	\$2,000
Total Cost:	\$29,000

THANK YOU

- **QUESTION?**
- **SUGGESTIONS?**