

Santa Susana 101

June 25, 2009

ACHELA ORG
cleanuprocketdyne.org





Welcome to ACME's Santa Susana 101

- Thank you for joining us!
- Special Guests:
 - Gerard Abrams, DTSC
 - Laura Rainey, DTSC
 - Tom Seckington, DTSC
 - Nicole Moutoux, US EPA
 - Craig Cooper, US EPA
 - Aron Miller, Senator Fran Pavley's office



Welcome to ACME's Santa Susana 101

- 6:30-7pm Mixer, Refreshments
- 7-8pm Santa Susana Presentation
- 8-8:30pm Questions and Answers
 - ...but if you have a burning question, ASK!
 - We don't want you to forget!
- 8:30-9pm Film shorts (Historical footage)
- 9-10pm Browse the Museum!

Santa Susana 101

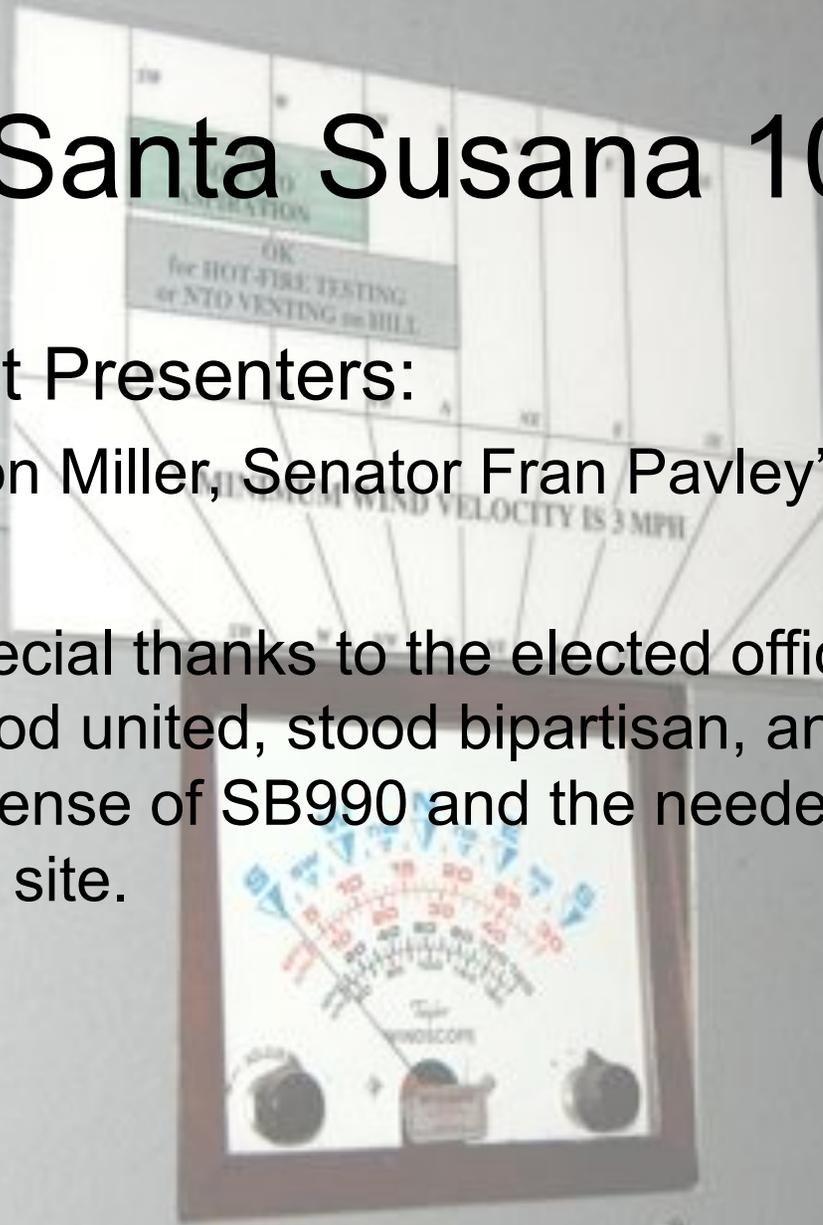
– Guest Presenters:

- Gerard Abrams – an overall look at the site, then and now
- Laura Rainey – the history, and how we (she) makes sense of it today.
- Tom Seckington – Groundwater issues
- Nicole Moutoux – the background behind background, why it matters, how we are collaborating as a group
- Craig Cooper – Soil Characterization, the historical site assessment, and the launch from characterization to clean-up

Santa Susana 101

– Guest Presenters:

- Aron Miller, Senator Fran Pavley's office
- Special thanks to the elected officials who have stood united, stood bipartisan, and stood in defense of SB990 and the needed clean-up of the site.



An astronaut in a white space suit is shown in profile, looking out from a spacecraft. The Earth's blue and white horizon is visible in the background. On the left side of the astronaut's helmet, there is a graphic of a red and white cancer cell. In the upper right corner, the word "HOME" is displayed in a large, white, dot-matrix font, with a bright sunburst effect behind the letter 'O'.

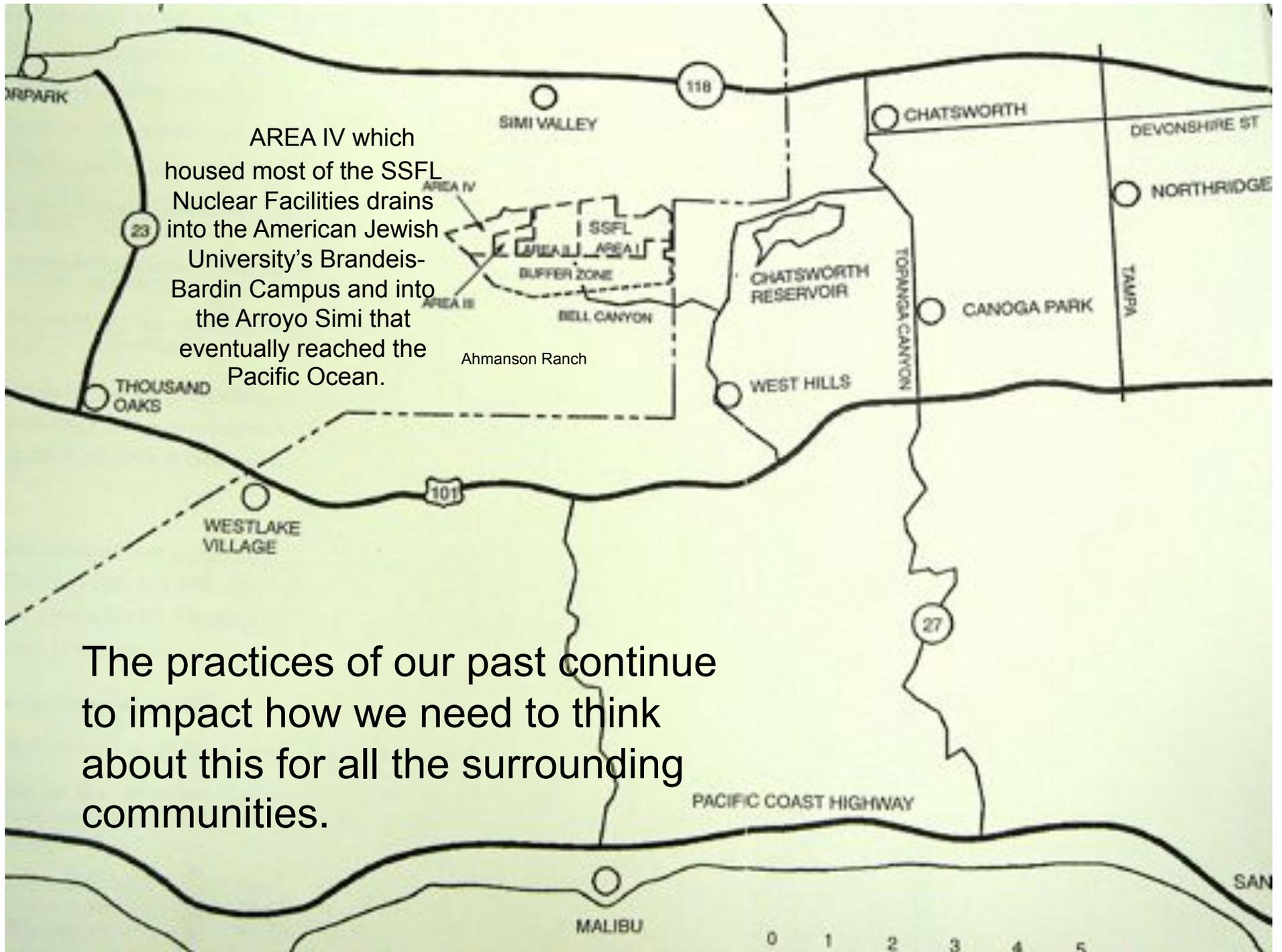
AEROSPACE CANCER MUSEUM OF EDUCATION

Where are we?

It is important that we understand where we work, live and breathe, in relationship to the SSFL and the potential impacts over the many decades of operations...



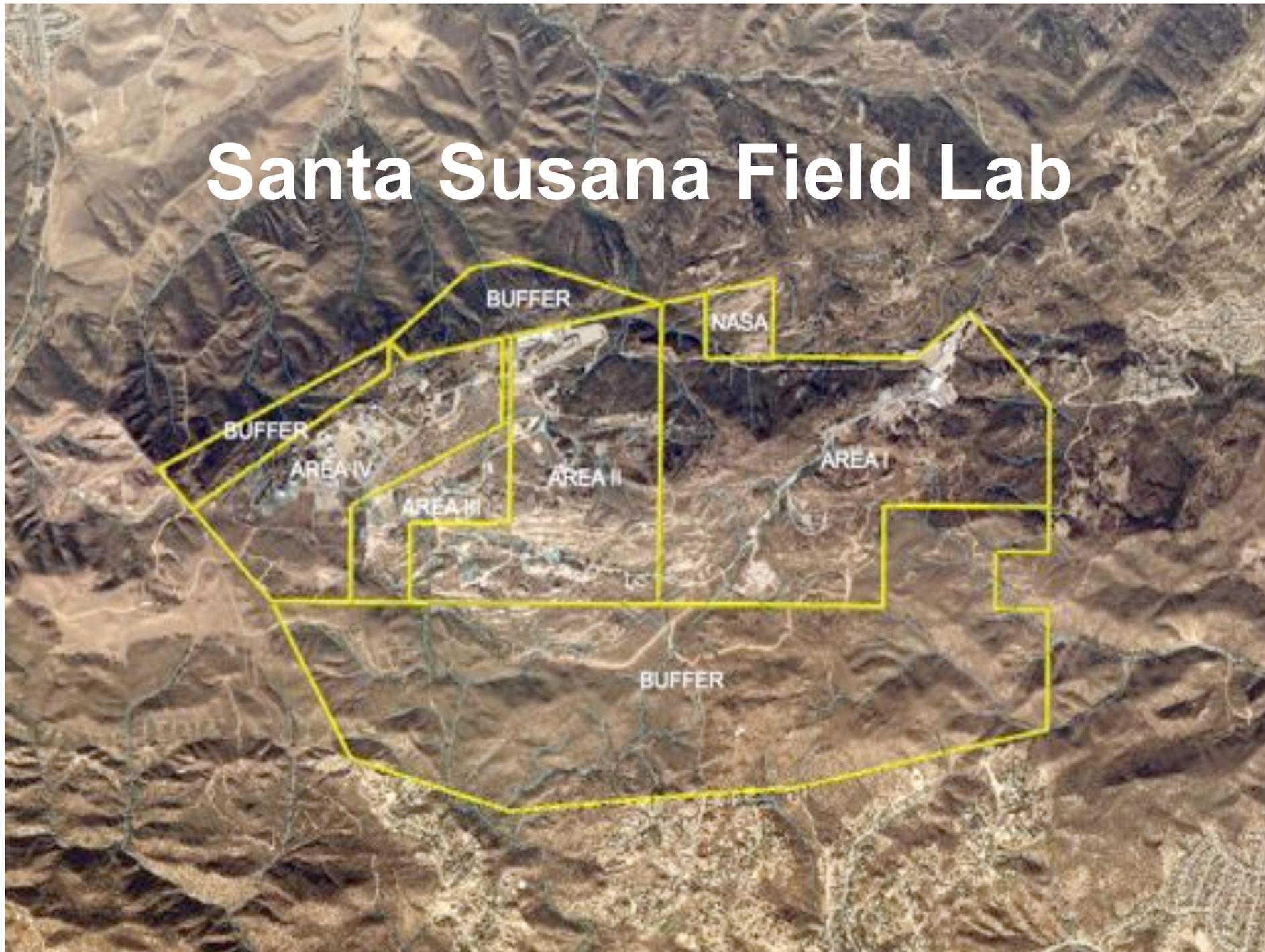
High on the mountaintop, 1000 feet above its residential neighbors, the Santa Susana Field Laboratory is the headwaters to the Arroyo Simi and the Los Angeles River.

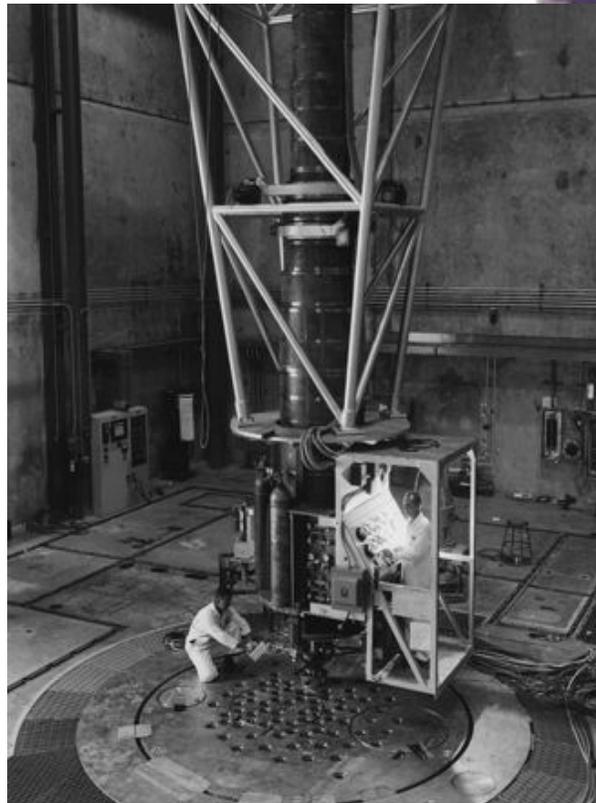


AREA IV which housed most of the SSFL Nuclear Facilities drains into the American Jewish University's Brandeis-Bardin Campus and into the Arroyo Simi that eventually reached the Pacific Ocean.

The practices of our past continue to impact how we need to think about this for all the surrounding communities.

Santa Susana Field Lab





Currently owned by the Boeing Company and NASA, the Santa Susana Field Laboratory or SSFL was home to several Nuclear Research Facilities within the AREA IV portion of the property. AREA IV is leased and operated by the Department of Energy. Decades of operations included several Nuclear Reactors used in Aerospace and Commercial operations.

Laura will speak in more detail about some of the history at the site...



The workers at Rocketdyne, watching President Eisenhower's speech warning us of the military industrial complex.

Boeing gets cleanup deal for ex-Rocketdyne field lab

CONTRACT / From Page 1

contamination up at the site and walk away from it by 2006. But I don't think they'll actually have it cleaned by 2006," said Lyou.

Boeing and DOE officials countered that regulatory oversight remains in place to monitor the cleanup under the new contract.

"We really have not changed our level of oversight, what we have changed is our method of incentive," said Liddle. "We've not cut any corners. We're not going to leave any contamination on the site."

Liddle said decontamination costs have been adjusted downward because of new technology, such as Boeing's ability to clean up sodium, and because of the company's existing operations there.

The DOE already has spent \$75 million cleaning up the site.

"We're able to bring the site

down but still do a thorough cleanup that is complete and within regulatory standards," said Rocketdyne spokesman Dan Beck. "We believe it's in everybody's interest to complete the job as quick as we can and do it in the most thorough manner."

The nuclear site is part of the sprawling 2,000-acre field lab in the Simi Hills that continues to conduct rocket testing.

The site has been under a federal cleanup order since 1990, after radiation was found in soil and water samples. Other chemicals have also been found in the area, and a 1997 University of California, Los Angeles, study linked higher cancer rates to workers exposed to radiation.

Feinstein, a California Democrat, stepped in the middle of the Rocketdyne debate recently, joining a list of area politicians who have concerns.

Department of Energy has funded \$148 million for the cleanup of this site," said Feinstein in a statement.

However, the senator maintained that she was concerned about lack of funding for a planned community health study of residents living near the field lab. The DOE has said it was the federal Department of Health and Human Services' jurisdiction to conduct the study, and Feinstein on Tuesday sent a letter urging that department's secretary to conduct the study to evaluate cancer risks.

A version of this story appears in Main News.

Daily News

The Simi Valley Edition of the Daily News
is published seven days a week.

Accidents at the SSFL included the Meltdown of the SRE or Sodium Reactor Experiment. This July marks the 50th anniversary of this infamous event.



On July 13th, 1959, the partial meltdown of an experimental reactor, The Sodium Reactor Experiment, released a large amount of radioactive gas into the atmosphere. The true magnitude was kept from the public and the workers for decades. Today, environmental controversy over cleanup continues. It happened right here - in the San Fernando Valley.

AEROSPACE CANCER MUSEUM OF EDUCATION & CLEANUPROCKETDYNE.ORG COMMEMORATE THE

SSL's Sodium Reactor Experiment's

50th Anniversary-

MONDAY JULY 13, 2009

6:30 p.m.

Special Guests Include

Former Workers

Specialists on Nuclear Policy

Regulatory Agencies



1959-2009

Santa Susana Field Laboratory's Sodium Reactor Experiment 50 Years After the "SRE"

Santa Susana Field Laboratory (SSFL) is a former nuclear and rocket engine testing facility located approximately thirty miles north of Los Angeles in the Santa Susana Mountains between the San Fernando and San Gabriel Valleys. On July 1969, the nation's first plutonium-producing reactor, the Sodium Reactor Experiment (SRE), suffered a power excursion and partial meltdown.

The atomic industry - at the time - had no restrictions to guide workers through dealing with the type of event. Since the SRE's status was "unprecedented," it was not bound to a regulatory constraint, and soon thereafter the workers were allowed to handle damaged fuel rods from the reactor's core. Radiation was vented into the atmosphere. Some estimates are that the SRE vented hundreds of times the amount of radiation as Three Mile Island, and this event is commonly referred to as the "worst nuclear accident in U.S. history." The workers and the public were kept uninformed of the magnitude of this event for decades.

SSFL is also home to one of the world's first rocket engine tests during the Cold War and Space Race decades, environmental tests were broken and disposal of hazardous waste - including radiological material - occurred in unlined earthen pits and ponds throughout the facility. Today, the 2,000 acre site sits atop the mountains, at the center of environmental concerns. Workers and community members are ill, contamination has been found off-site. State and Federal agencies need pollution abatement strategies for the neighboring soil. SSFL's saga is far from over. Please join us as we acknowledge the impact of the Cold War era facility on people, past, present and future, by spreading an awareness through the Arts.

JULY 10TH & 11TH 2009

SILVER ADANCE, 2300 FORTYFIFTH, SIMI VALLEY, CA 91007

ECONSPADERICH.ETS.COM/VENTC/9533

The design for this poster is derived by:
American Cancer Museum of Education (NCMELA.org), CountywideAction.org
and Mr. John Pace, ACME is dedicated to spreading awareness of SSFL through the Arts.
Visit ACME: 23700 Lake Mead Drive Chatsworth, California 91311 805-751-0407
TheAmerican.org - a repository of information about SSFL and worker issues
Professional Design by JulianCreative.com

EARTHWALK DANCE COMPANY PRESENTS POISONED

Honoring the 50th Anniversary of Santa Susana Field Laboratory's
Chemical & Nuclear Saga



FRI. & SAT.
JULY 10TH & 11TH 2009

8:00 P.M. \$20.00

ECONSPADERICH.ETS.COM/VENTC/9533

SILVER ADANCE, 2300 FORTYFIFTH, SIMI VALLEY, CA 91007

earthwalk.com • dance.com • thearts.com • www.ets.com

Special thanks to
D'Lanie Blaze and Liesa
Ciaviarelli at Jail House
Graphics

for their amazing
creative gifts to ACME

Sharon Sekhon for her
amazing time-lines

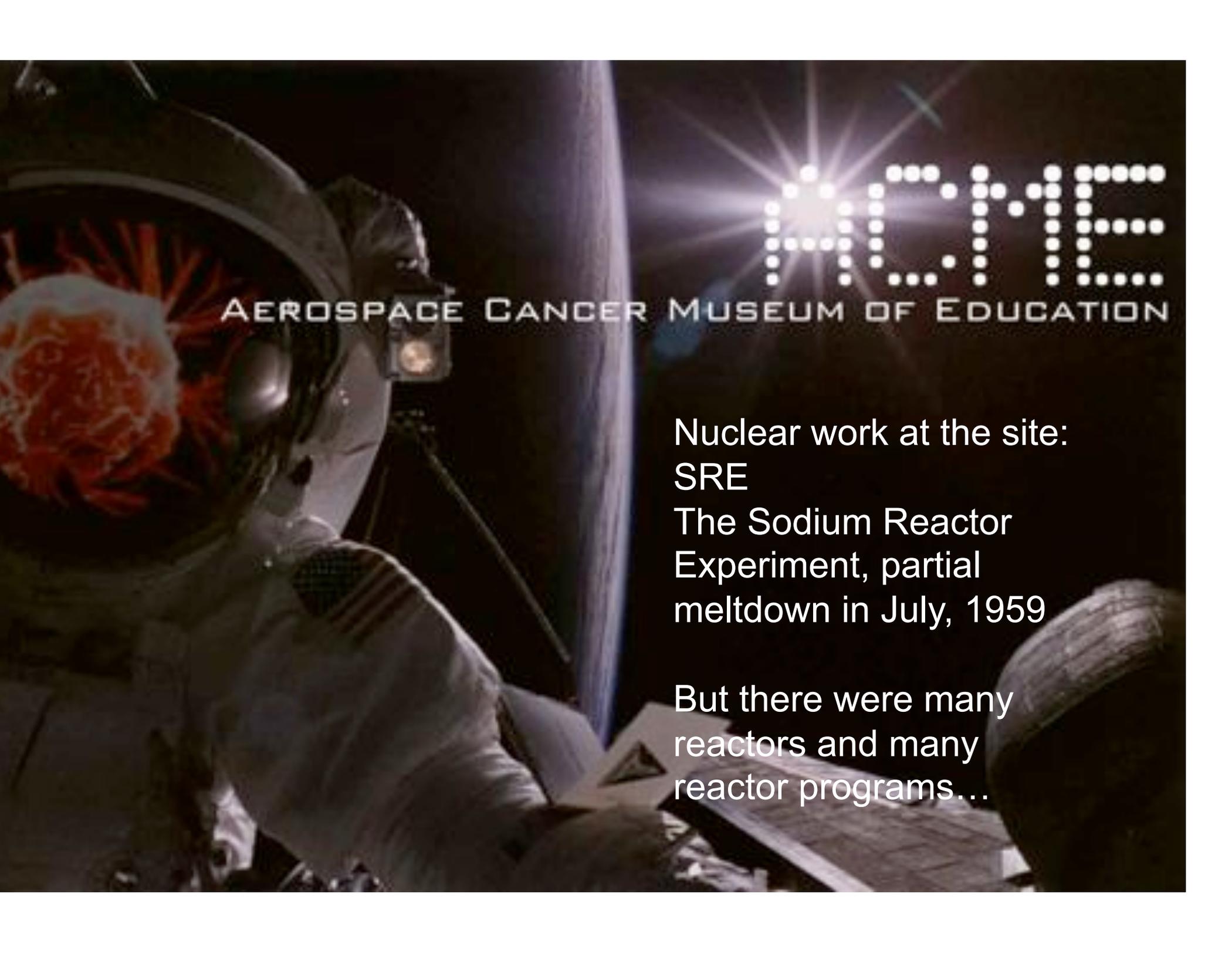


HOME
AEROSPACE CANCER MUSEUM OF EDUCATION

Radiation, Chemicals,
what does it mean
today?

Gerard Abrams, DTSC

Department of Toxic
Substances Control

A photograph of an astronaut in a white spacesuit floating in space. The astronaut's helmet is on the left, and a large, stylized red and white cancer cell is superimposed on the helmet's visor. The background shows the Earth's horizon and a bright starburst light. The text 'AEROSPACE CANCER MUSEUM OF EDUCATION' is centered across the middle of the image.

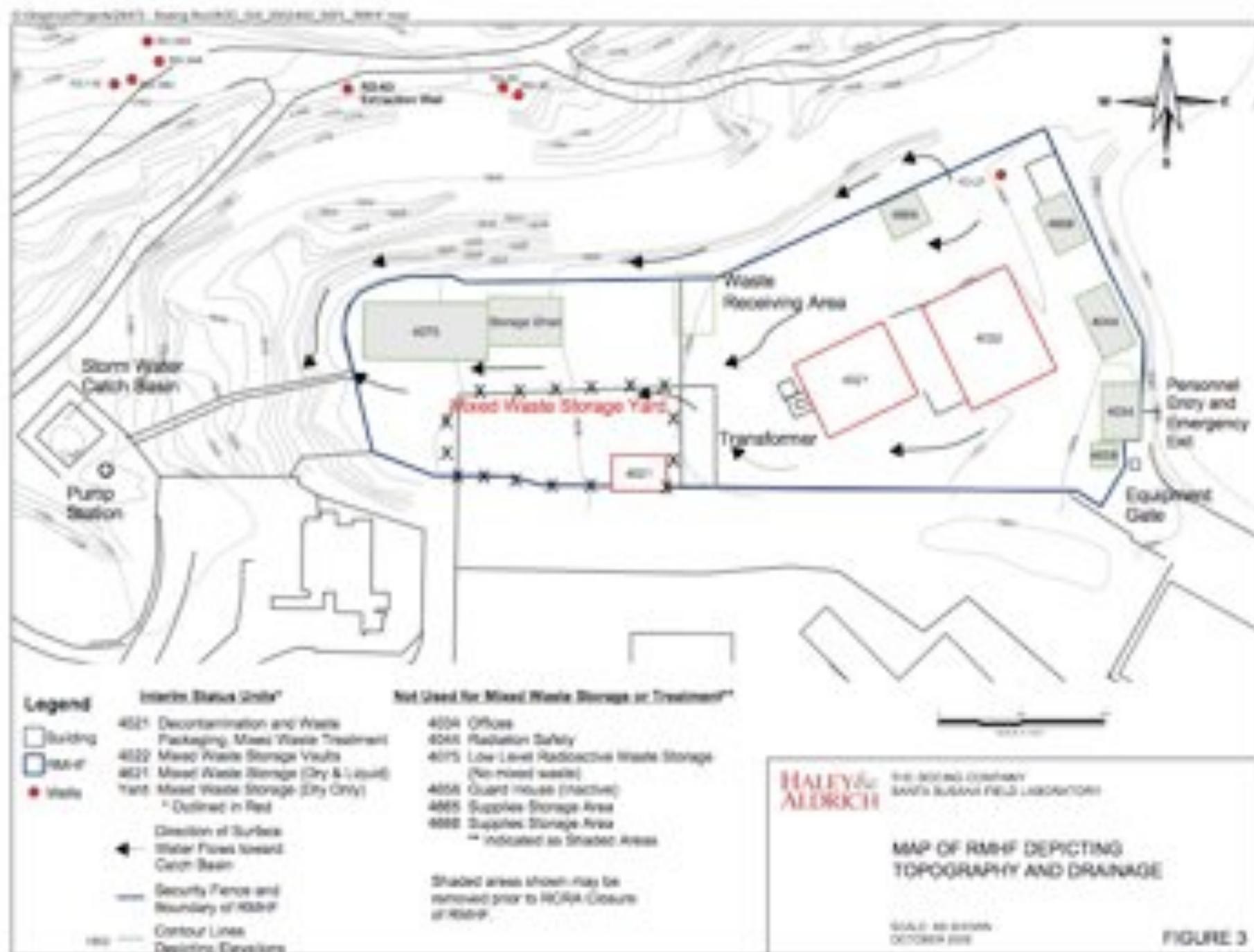
AEROSPACE CANCER MUSEUM OF EDUCATION

Nuclear work at the site:

SRE

The Sodium Reactor
Experiment, partial
meltdown in July, 1959

But there were many
reactors and many
reactor programs...



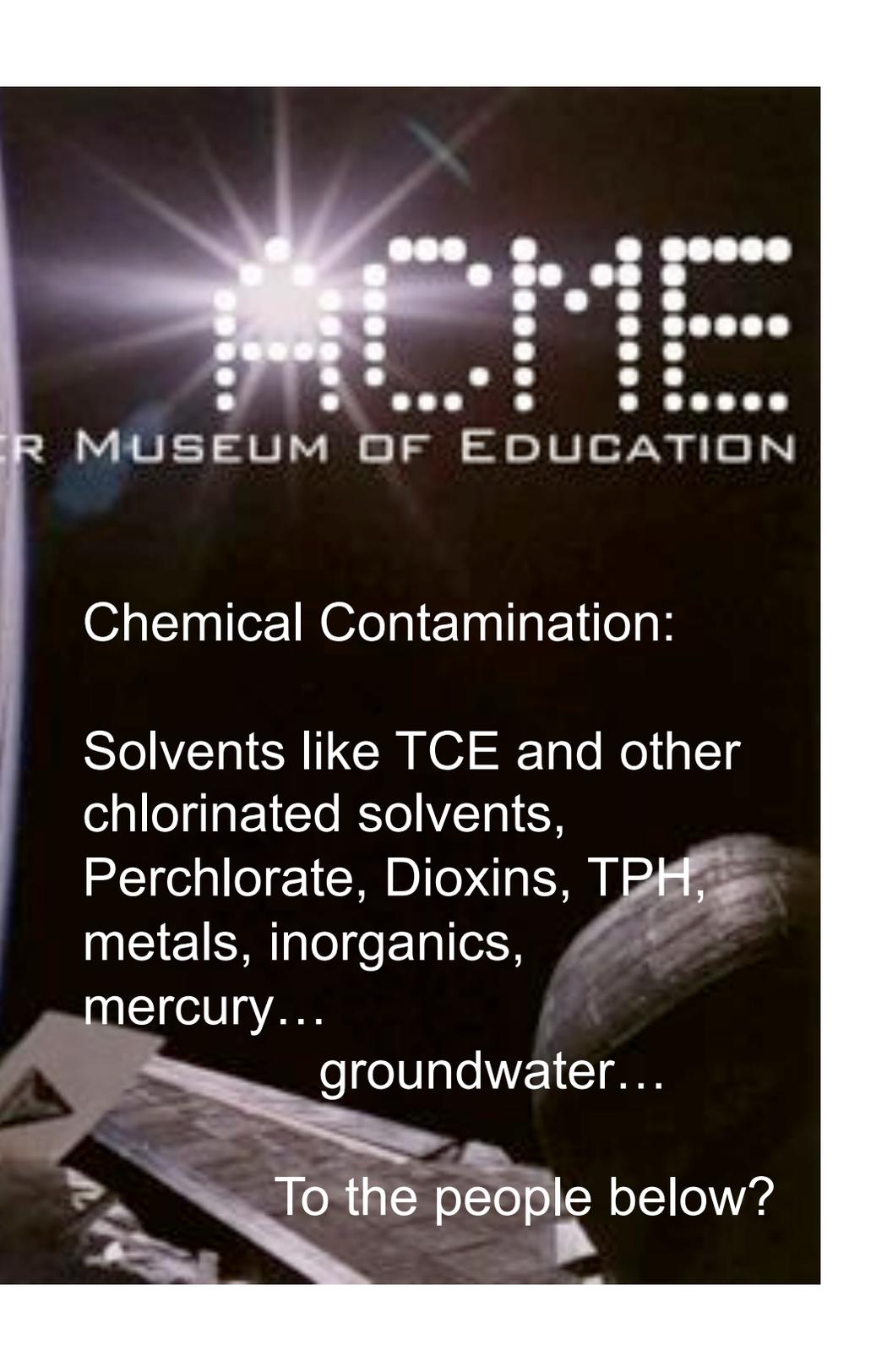


Laura Rainey, DTSC

Department of Toxic
Substances Control

An astronaut in a white space suit is shown from the chest up, floating in space. The Earth's blue and white horizon is visible in the background. On the astronaut's chest, there is a large, stylized graphic of a cancer cell with red and orange colors. The text 'AEROSPACE CANCER MUSEUM OF EDUCATION' is overlaid in white, sans-serif font across the middle of the image.

AEROSPACE CANCER MUSEUM OF EDUCATION

The word 'HOME' is written in a large, white, dot-matrix font. A bright starburst effect is centered behind the letter 'O'. The background is dark with some faint light trails.

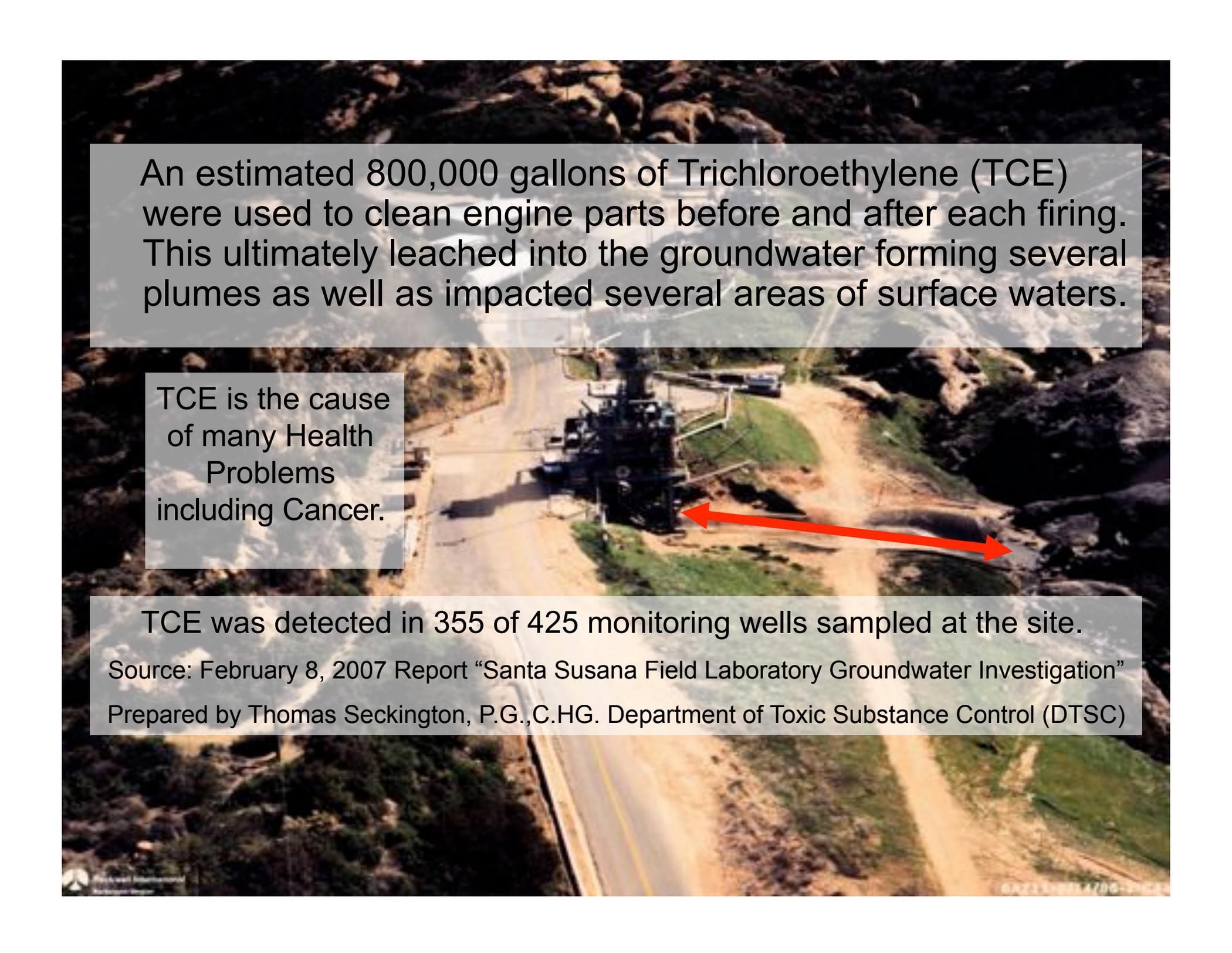
HOME

Chemical Contamination:

Solvents like TCE and other
chlorinated solvents,
Perchlorate, Dioxins, TPH,
metals, inorganics,
mercury...

groundwater...

To the people below?

An aerial photograph of an industrial site, likely a laboratory, situated in a hilly, rocky area. A large, dark, cylindrical structure is the central focus. A red arrow points from this structure towards a nearby area, possibly indicating a plume or impact zone. The surrounding terrain is rugged and rocky, with some sparse vegetation. A road or path is visible in the foreground.

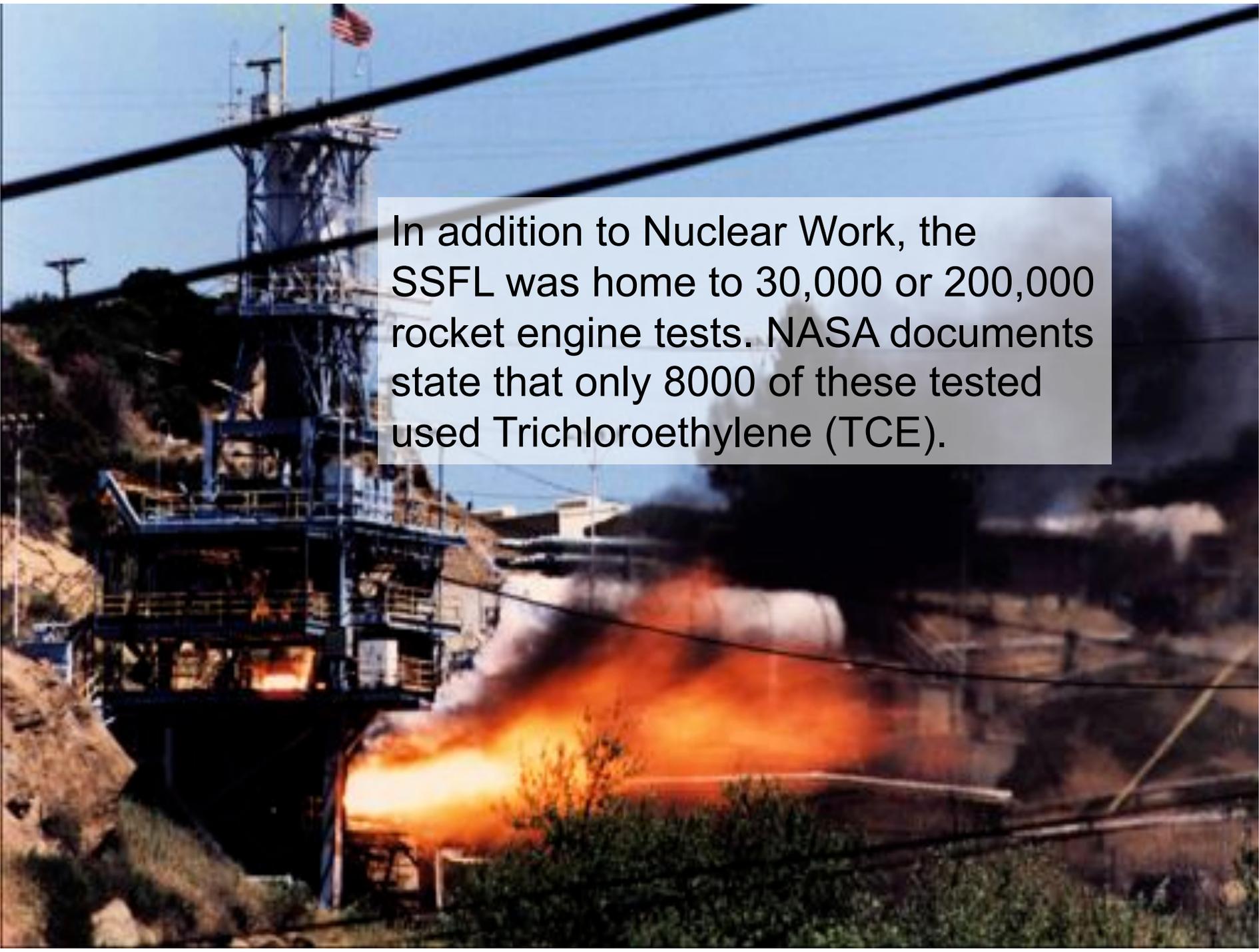
An estimated 800,000 gallons of Trichloroethylene (TCE) were used to clean engine parts before and after each firing. This ultimately leached into the groundwater forming several plumes as well as impacted several areas of surface waters.

TCE is the cause of many Health Problems including Cancer.

TCE was detected in 355 of 425 monitoring wells sampled at the site.

Source: February 8, 2007 Report "Santa Susana Field Laboratory Groundwater Investigation"

Prepared by Thomas Seckington, P.G., C.H.G. Department of Toxic Substance Control (DTSC)



In addition to Nuclear Work, the SSFL was home to 30,000 or 200,000 rocket engine tests. NASA documents state that only 8000 of these tested used Trichloroethylene (TCE).

An astronaut in a white space suit is shown in profile, looking towards the right. The astronaut's helmet features a large, stylized orange and red cancer cell graphic. In the background, the Earth is visible as a curved horizon against the blackness of space. The word "GENE" is displayed in a large, white, dot-matrix font, with a bright starburst effect behind the letter 'G'.

AEROSPACE CANCER MUSEUM OF EDUCATION

Why does it matter?

How many tests?

How much TCE?

How much time?

How much distance
spatially, has it traveled?

Tom Seckington, DTSC

Department of Toxic
Substances Control

Groundwater, seeps and
springs...

plume(s)?

Interim Measures:

ISRA

ISEO

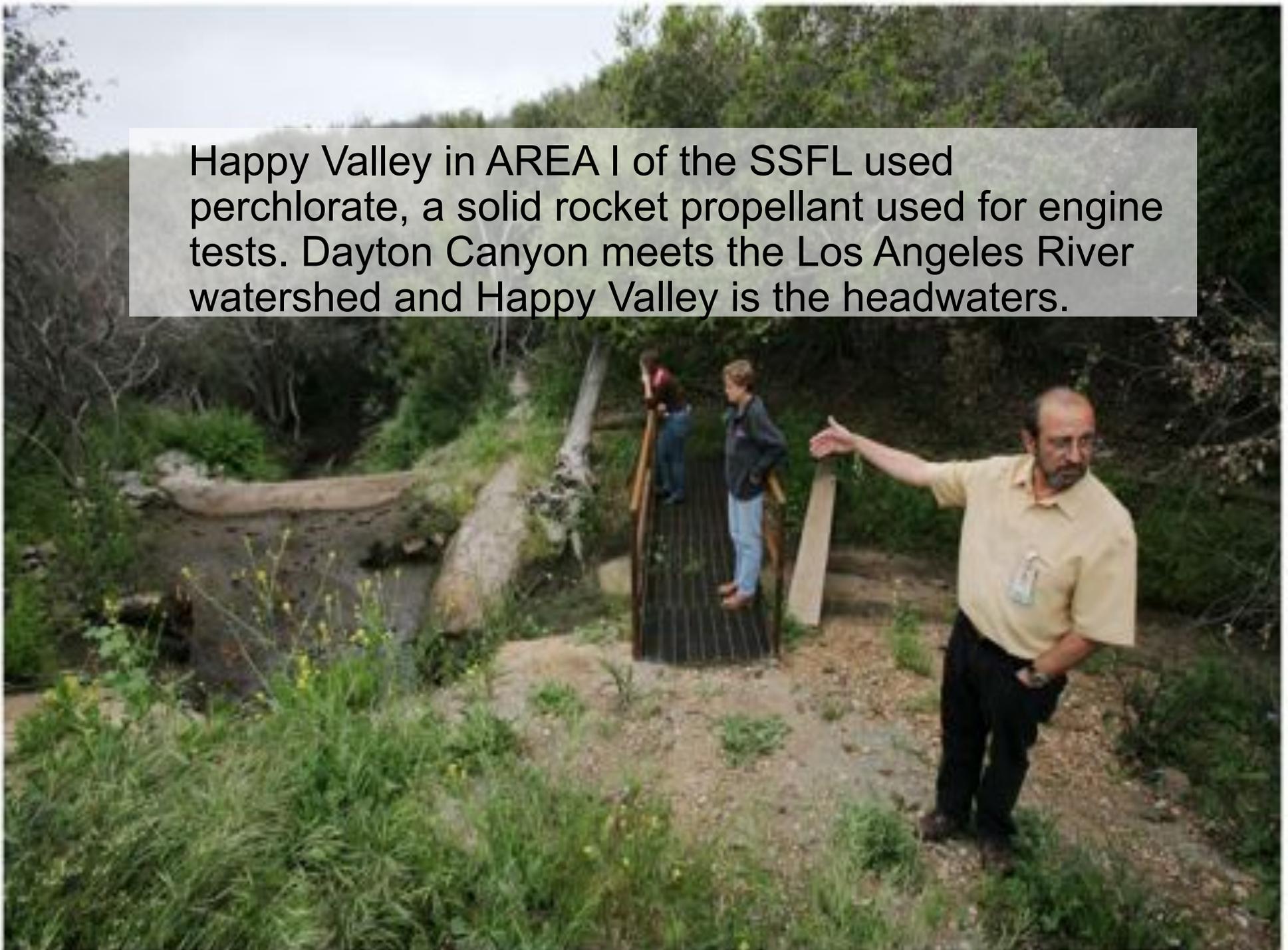
CAO

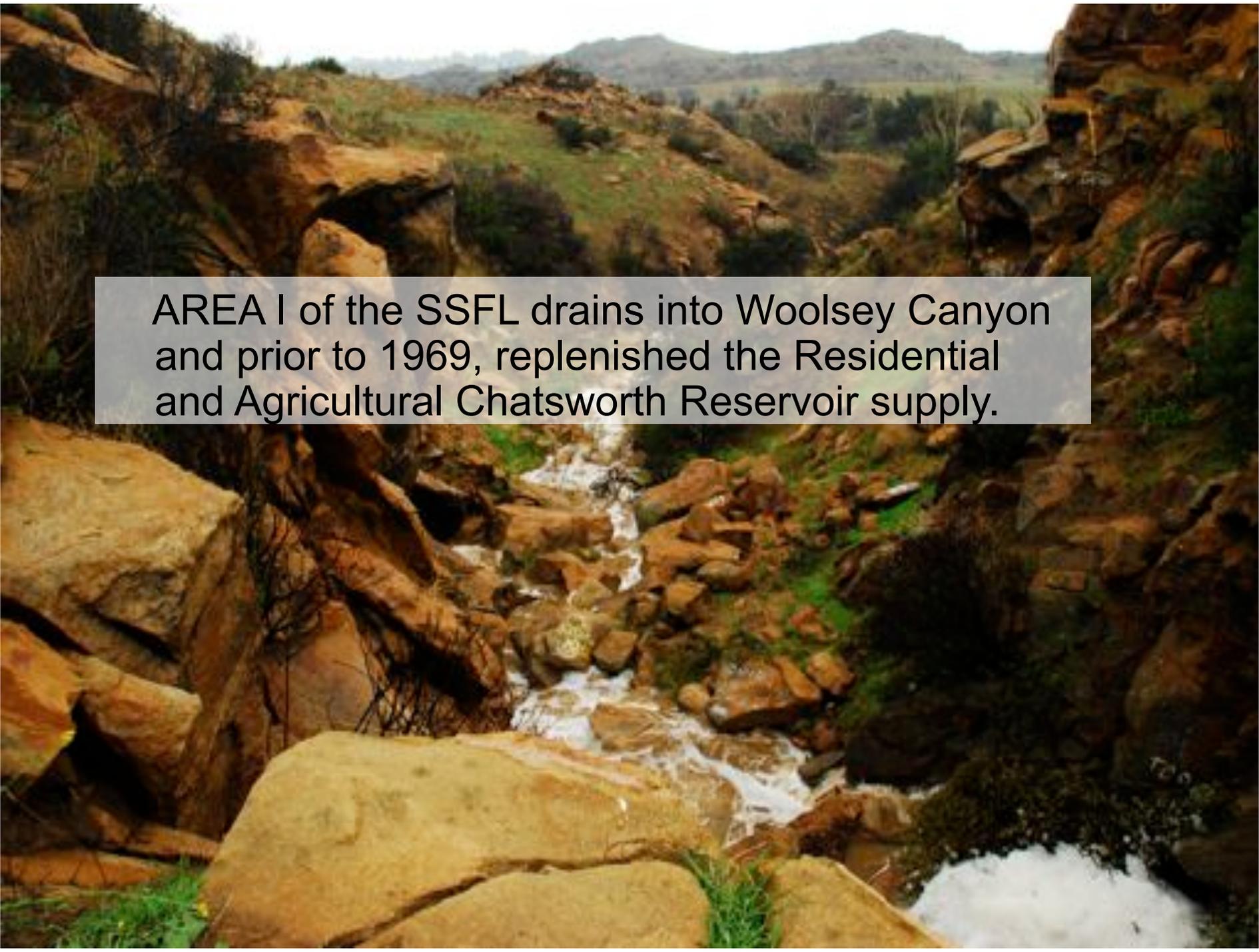
CDO

WDR

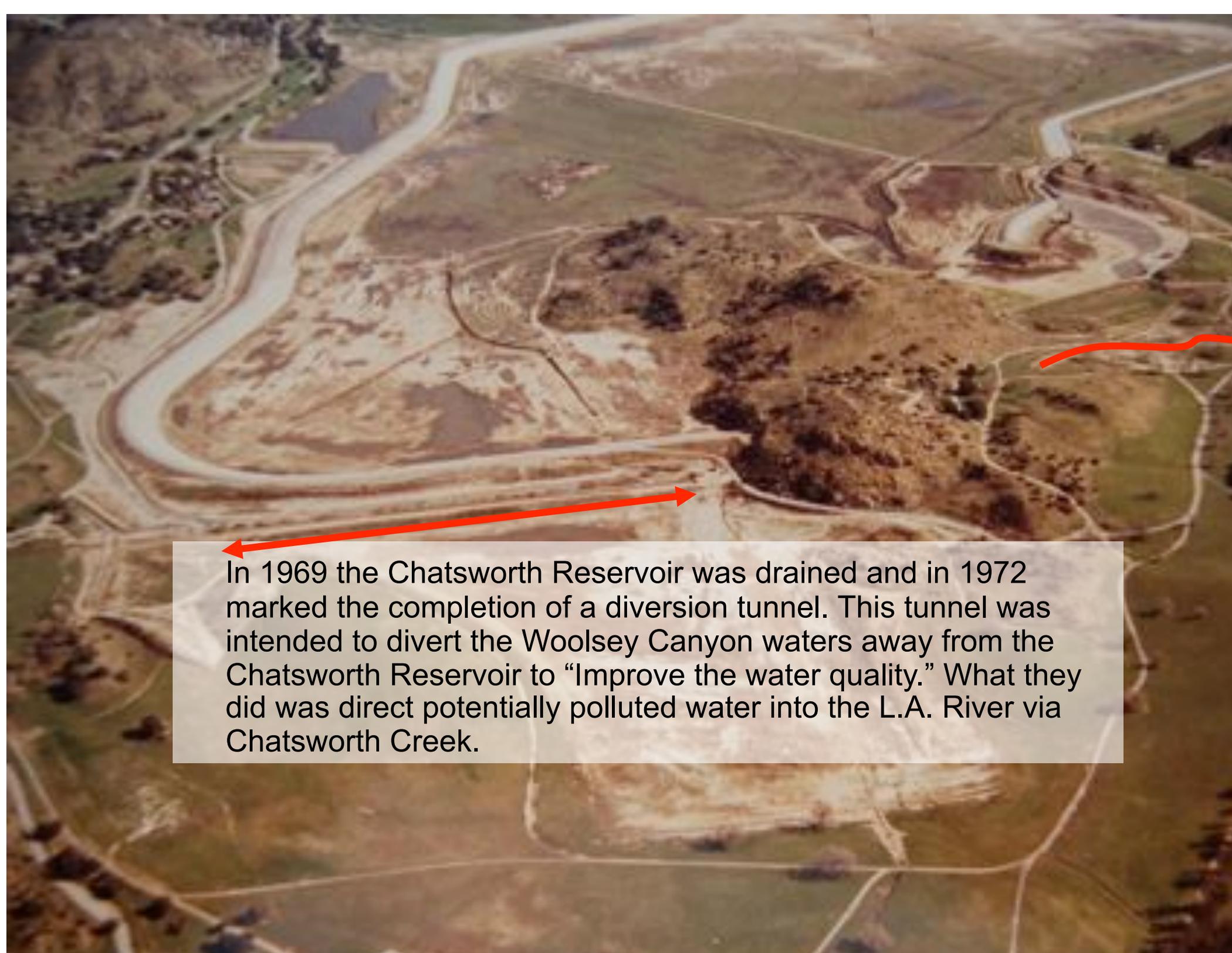
....what?

Happy Valley in AREA I of the SSFL used perchlorate, a solid rocket propellant used for engine tests. Dayton Canyon meets the Los Angeles River watershed and Happy Valley is the headwaters.

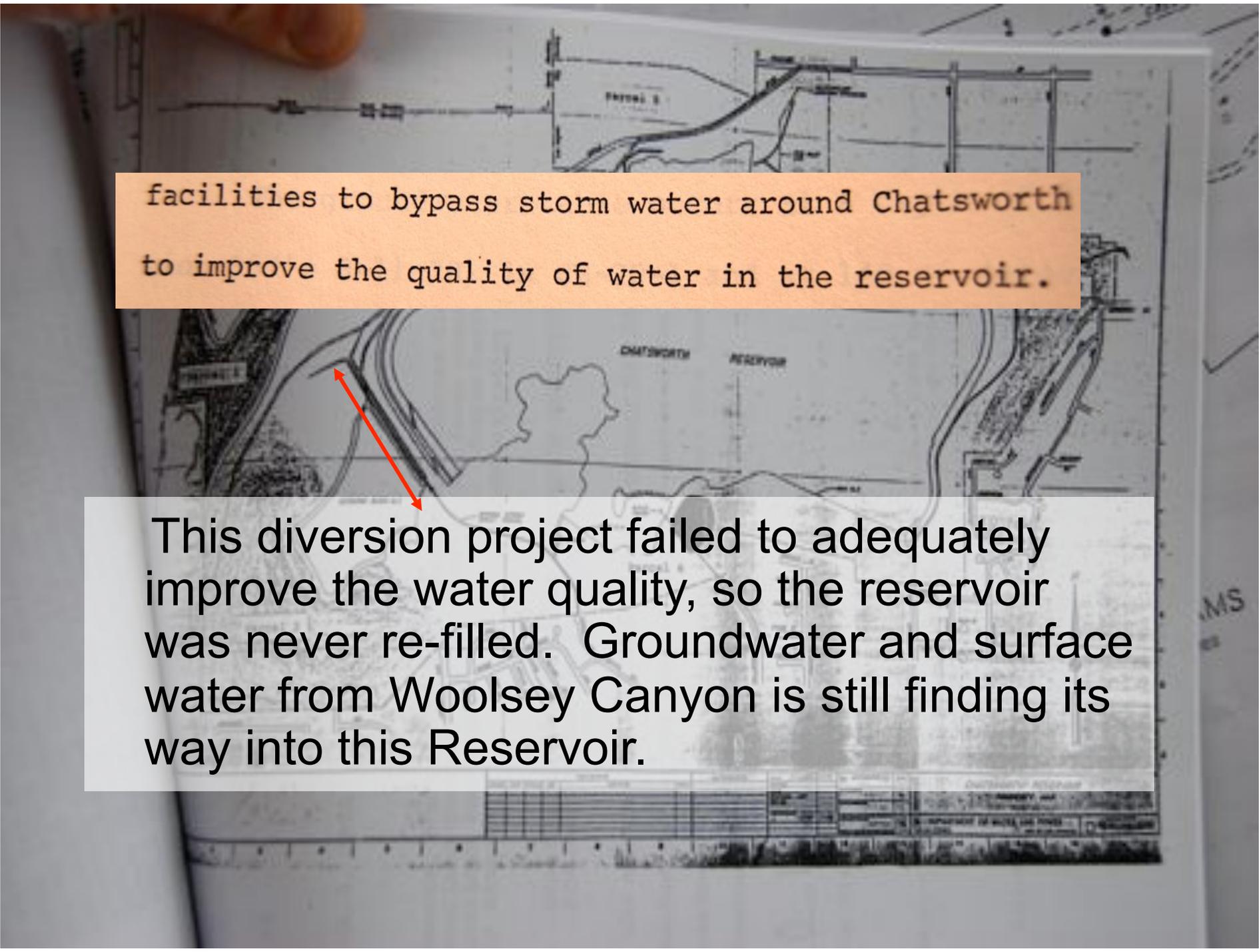




AREA I of the SSFL drains into Woolsey Canyon and prior to 1969, replenished the Residential and Agricultural Chatsworth Reservoir supply.

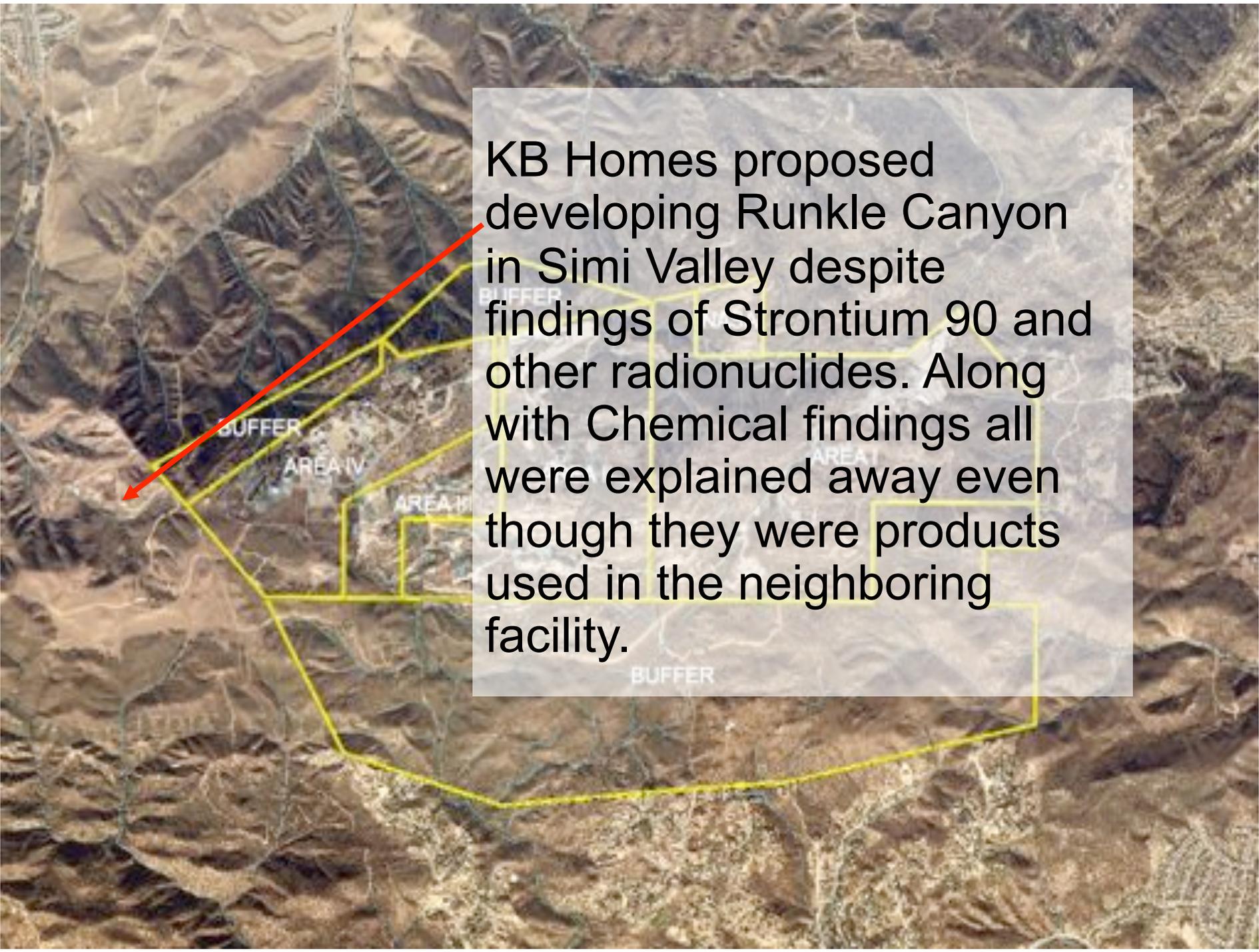


In 1969 the Chatsworth Reservoir was drained and in 1972 marked the completion of a diversion tunnel. This tunnel was intended to divert the Woolsey Canyon waters away from the Chatsworth Reservoir to “Improve the water quality.” What they did was direct potentially polluted water into the L.A. River via Chatsworth Creek.

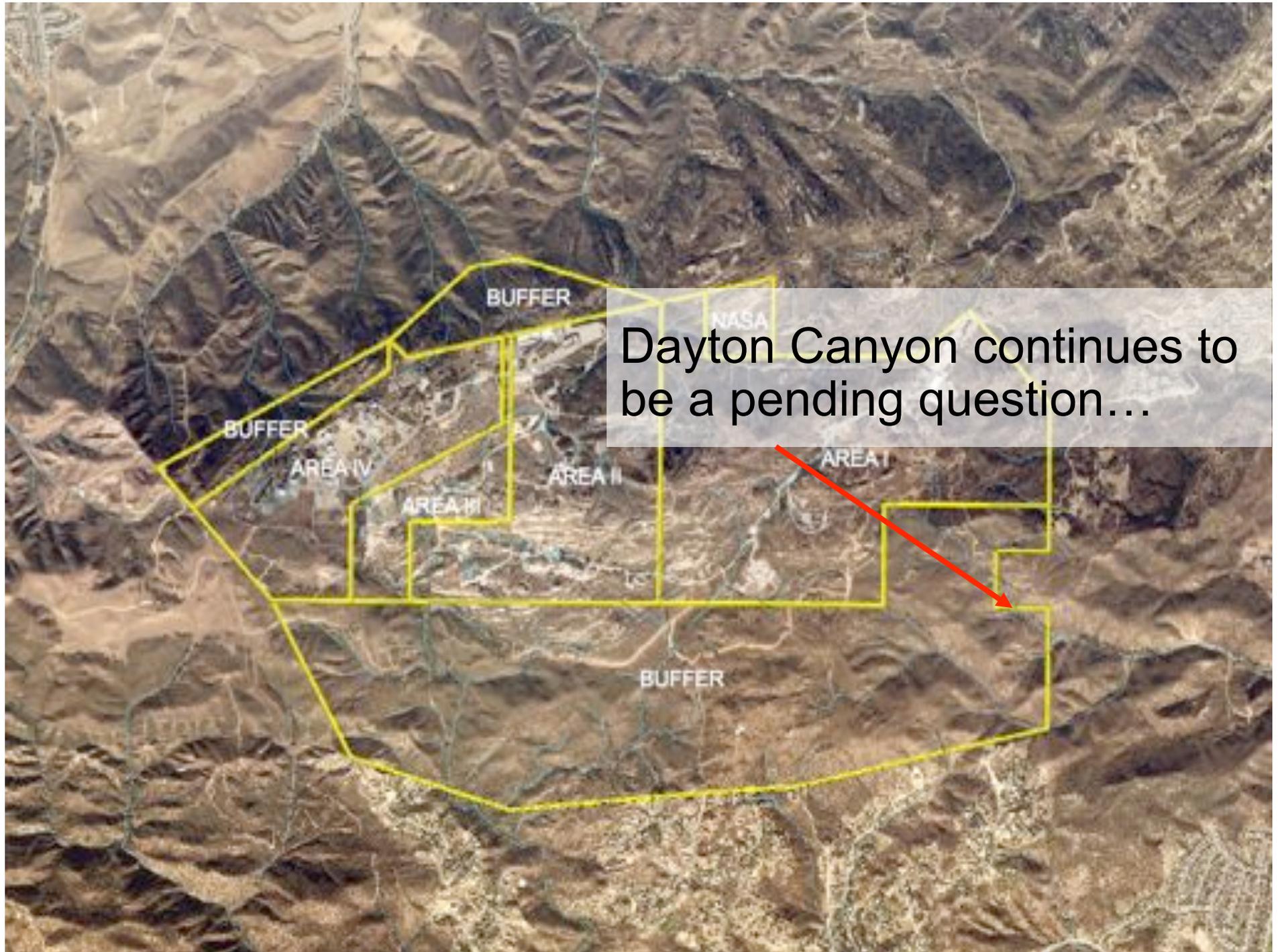
The image shows a technical drawing or plan view of the Chatsworth Reservoir area. A red arrow points to a diversion project that bypasses the reservoir. The drawing includes labels for 'PARTIAL 1' and 'CHATSWORTH RESERVOIR'.

facilities to bypass storm water around Chatsworth
to improve the quality of water in the reservoir.

This diversion project failed to adequately improve the water quality, so the reservoir was never re-filled. Groundwater and surface water from Woolsey Canyon is still finding its way into this Reservoir.

An aerial photograph of a rugged, brown, hilly landscape. A yellow line outlines a large area, with several smaller yellow lines defining sub-areas. Labels 'AREA IV', 'AREA V', and 'AREA VI' are visible within these sub-areas. The word 'BUFFER' is written in white text in several locations: once above 'AREA IV', once to the right of 'AREA V', and once below 'AREA VI'. A red arrow points from the top left towards a specific spot within 'AREA IV'. A semi-transparent grey box with black text is overlaid on the right side of the image.

KB Homes proposed developing Runkle Canyon in Simi Valley despite findings of Strontium 90 and other radionuclides. Along with Chemical findings all were explained away even though they were products used in the neighboring facility.



Dayton Canyon continues to be a pending question...



L.A. River

Westfield Topanga Shopping Center

Former Nuclear Reactor and Research Site

We have also seen groundwater contaminated with Trichloroethylene (TCE) and Radioactivity at the Rocketdyne Canoga Facility. Monitoring wells have documented releases into the L.A. River.

Currently owned by Pratt & Whitney, a United Technologies Company, formerly Boeing, Rocketdyne, Rockwell International and in the 1950's & 60's it was the Atomics International Nuclear Research Facility.



Many accidents associated with Nuclear work impacted

NRC-10-01 WED 10-47 NRC R IV FILE NO. 0000188 P. 02
 UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION IV
 811 RYAN PLACE DRIVE, SUITE 400
 ARLINGTON, TEXAS 76010-3809
 January 29, 1996

MEMORANDUM TO: Michael F. Weber, Chief
 Low-Level Waste and Decommissioning Projects Branch
 Division of Waste Management/WMS

FROM: Ross A. Scareno, Director
 Division of Nuclear Materials Safety

SUBJECT: ROCKWELL INTERNATIONAL SITE VISIT

As you are aware, Oak Ridge Associated Universities (ORAU) recently reviewed 89 terminated research and test reactor license docket files. ORAU concluded that 30 files did not contain sufficient decommissioning and disposition information. One of the 30 files was Docket 80-30, License R-19.

License R-19 was issued to Atomics International, a Division of North American Aviation, for the L-47 reactor. This reactor operated between 1953-1958 at a Atomics International facility located in Canoga Park, California. The facility is now controlled by Rockwell International.

In an attempt to gather more information about the reactor, a member of our staff, Mr. Robert Evans, visited Rockwell International on November 15-18, 1995. In summary, the whereabouts of the reactor were not identified although disposition information was located for some of the reactor fuel

ROCKWELL INTERNATIONAL
 A Division of North American Aviation, Inc.

DATE: May 19, 1967
TO: THOSE LISTED
FROM: T. W. P. MURPHY
ADDRESS: D/752, Cans #003
PHONE: 2555

SUBJECT: COMMENDATION RE URANIUM FIRE,
 CANOGA FACILITY, MAY 17, 1967

Commendations are in order for those personnel who assisted in the prompt extinguishment of the uranium fire which occurred on the storage pad, north side of Building #001, Canoga Facility. Effective extinguishment prevented any loss to equipment or property.

Firemen involved: V. L. Burgott
 R. Peroutti
 M. E. Weddle

Assistance: T. R. Brennan/D-752
 R. W. Getman/D-779
 K. Johns/D/766
 L. F. Wolte, Jr./D/766

The knowledgeable action taken by the above personnel reflects upon the value of specialized training received at Atomics International, and of the interest and effort expended by those who equip themselves in preparation for emergencies unique to our operations.

T. W. P. Murphy
 T. W. P. Murphy
 Chief, Protective Services

APPROVED: J. E. Stewart, Jr.
 Director, Industrial

cc: F. Corning, D/752, C/003
 M. Cranstone, D/766, C/102
 W. G. Martin, D/779, C/001
 J. E. Stewart, Jr., D/752, C/003
 V. L. Burgott, D/752, C/003
 R. Peroutti, D/752, C/003
 M. E. Weddle, D/752, C/003
 T. R. Brennan, D/752, C/003
 R. W. Getman, D/779, C/001
 K. Johns, D/766, C/102
 L. F. Wolte, Jr., D/766, C/102 ✓

H-31-14
 H-45-26

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 R. W. Getman/D-779
 K. Johns/D/766
 L. F. Wolte, Jr./D/766

Yet they claim
Radioactivity in
Groundwater is a
“Naturally
Occurring
Phenomena

GROUNDWATER RESOURCES CONSULTANTS, INC.

CONSULTING HYDROGEOLOGISTS • ENVIRONMENTAL SPECIALISTS

2201 EAST 14TH STREET
SUITE 400
TUCSON, ARIZONA 85711
PHONE (520) 330-0888

March 27, 1990

CHUCK W. JACKSON, P.G.
DAVID S. HAWKINS, P.G.
SHARON D. CLARK
KURT J. BLUST, P.G.
ALAN S. CROSTY, P.G.

Ms. Jennifer Crone
Facilities and Plant Operations
Rockaldyne Division
ROCKWELL INTERNATIONAL CORPORATION
6633 Canoga Avenue
Dept. 543, Mail Stop 28-16
Canoga Park, California 91303

RE: Summary of Results of Sampling And Analysis
For Radioactivity in Groundwater
Rockaldyne Canoga Avenue Facility,
Canoga Park, California

Dear Ms. Crone:

Submitted herewith is the final report regarding radioactivity in groundwater samples from the vicinity of the Rockaldyne Canoga Avenue Facility.

Presented are results of analyses for gross alpha radioactivity, gross beta radioactivity, radium-226, radium-228, isotopic uranium, gamma spectroscopy and strontium-90 in groundwater.

The results indicate that the uranium radioactivity exceeds drinking water standards in groundwater in the vicinity of the facility. This is indicated to be a naturally occurring phenomenon with no relationship to the Rockaldyne facility. Radioactivity in groundwater other than the uranium alpha activity was insignificant and no other drinking water standards were indicated to be exceeded.

If you have any questions or desire discussion of this document, please contact our office.

Respectfully submitted,

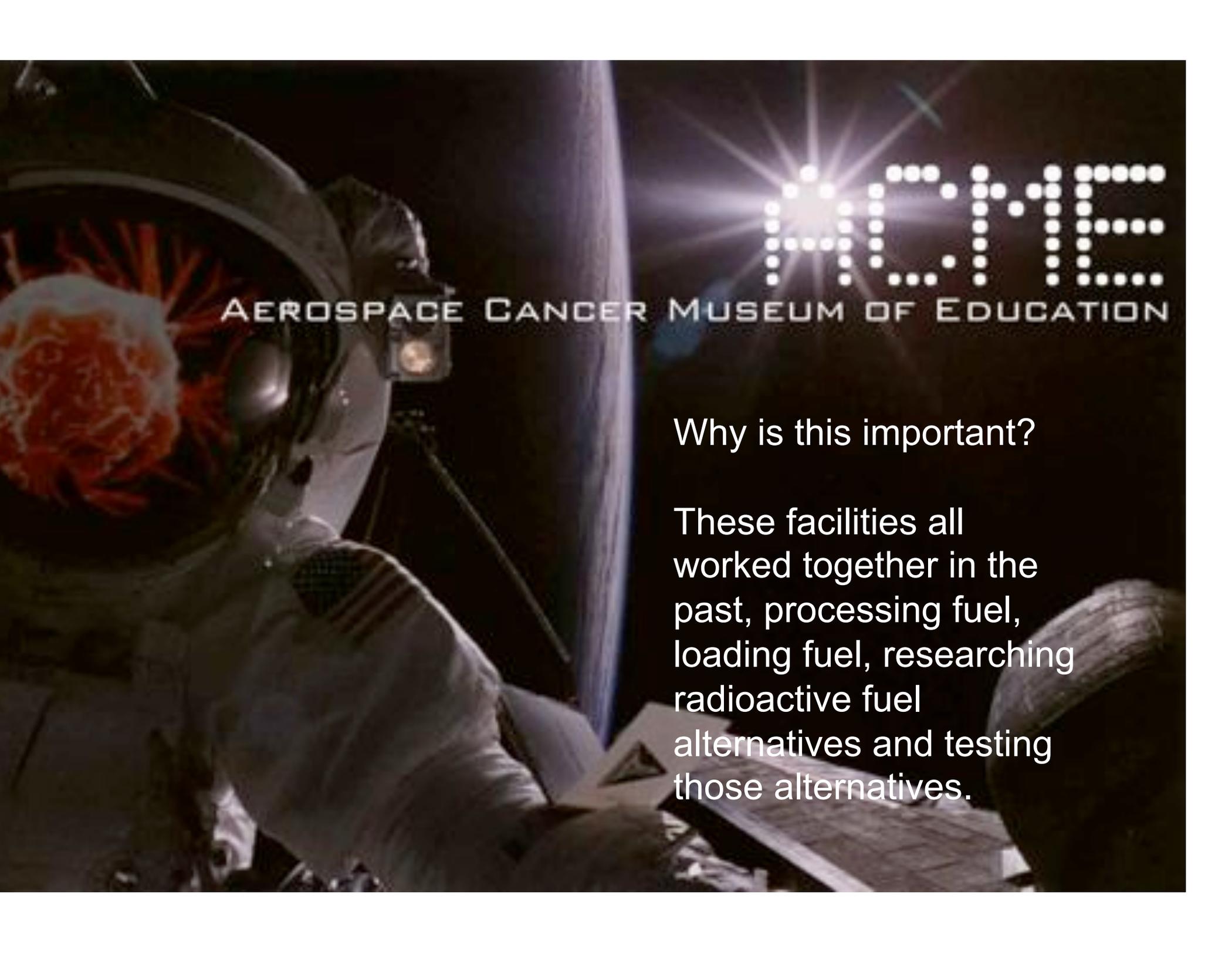
GROUNDWATER RESOURCES CONSULTANTS, INC

COPY

Kurt J. Blust
Associate Hydrogeologist



Today the Facility is Operational with unknown Hazards to the L.A. River watershed.

An astronaut in a white space suit is shown in profile, looking out from a spacecraft. On the left side of the astronaut's helmet, there is a graphic of a red and white cancer cell. In the background, the Earth's blue and white horizon is visible against the blackness of space. The word "HOME" is displayed in a large, white, dot-matrix font, with a bright sunburst effect behind the letter 'O'.

AEROSPACE CANCER MUSEUM OF EDUCATION

Why is this important?

These facilities all worked together in the past, processing fuel, loading fuel, researching radioactive fuel alternatives and testing those alternatives.

Northern Drainage

Bigger than Bill
continues

11,000 cubic yards?
And how many igniters?



HOME

AEROSPACE CANCER MUSEUM OF EDUCATION

Things didn't always go as expected.



AEROSPACE CANCER MUSEUM OF EDUCATION

HOME

These were extremely hazardous materials and ultra-hazardous activities.

An astronaut in a white space suit is shown in profile, looking out of a window. On the left side of the astronaut's helmet, there is a large, stylized graphic of a cancer cell with red and orange filaments. The background is the dark void of space with the Earth's horizon visible. In the upper right, the word "HOME" is written in a large, glowing, dot-matrix font, with a bright light source behind it creating a starburst effect.

AEROSPACE CANCER MUSEUM OF EDUCATION

This is a new science:

Indoor Vapor Intrusion is
essentially brand new:
2002.

The science of
remediation and
environmental recovery
is now.

An astronaut in a white space suit is shown in profile, looking towards the right. The astronaut's helmet features a large, stylized graphic of a cancer cell with red and orange filaments. In the background, the Earth's blue and white horizon is visible against the blackness of space. The word "HOME" is displayed in a large, white, dot-matrix font, with a bright sunburst effect behind the letter 'O'.

AEROSPACE CANCER MUSEUM OF EDUCATION

That is what we need to
be thinking about.

How do we fix it?
How do we do things
better? Safer?

Nicole Moutoux US EPA

Background Study

The purpose of “Background” is to determine what level of clean-up is necessary, considering global impacts that have also occurred.

The recently passed Senate Bill 990 states, The Boeing Company will donate it's Santa Susana Field Lab land after clean up.

DOMESTIC WATER
SUPPLY
KEEP OUT



An astronaut in a white spacesuit is shown in profile, looking towards the right. The astronaut's helmet features a large, stylized graphic of a cancer cell with orange and red filaments. In the background, the Earth's blue and white horizon is visible against the blackness of space. The word "GENE" is displayed in a bright, dot-matrix font, with a starburst effect behind the letter 'G'.

AEROSPACE CANCER MUSEUM OF EDUCATION

As a community, it is important that we understand the steps needed to achieve our goals of clean-up at the Santa Susana Field Lab.

Craig Cooper, US EPA

Soil Characterization of
Area IV

Historical Site
Assessment

An astronaut in a white spacesuit is shown from the chest up, looking towards the right. The astronaut's helmet has a large, stylized orange and red cancer cell graphic on the side. In the background, the Earth's blue and white horizon is visible against the blackness of space. The word "HOME" is written in a large, white, dot-matrix font, with a bright sunburst effect behind the letter 'O'.

AEROSPACE CANCER MUSEUM OF EDUCATION

Coming Events:

Bring a friend

Tell a friend

Discuss the importance
of these decisions to our
futures, with the people
in and around your life.

This is for all of us.



AEROSPACE CANCER MUSEUM OF EDUCATION

What's on the table right now?

An astronaut in a white spacesuit is shown in profile, looking towards the right. The astronaut's helmet features a large, stylized orange and red cancer cell graphic. In the background, the Earth's blue and white horizon is visible against the blackness of space. The word "GENE" is displayed in a bright, dot-matrix font, with a starburst effect behind the letter 'G'.

AEROSPACE CANCER MUSEUM OF EDUCATION

Source Removal:

What does it mean?
How can it be done
right?
What should we be
worrying about?

A photograph of an astronaut in a white spacesuit floating in space. The astronaut's helmet features a red and white floral design. In the background, the Earth's blue and white horizon is visible. To the right, the word "HOME" is displayed in a bright, dot-matrix font, with a lens flare effect behind the letters. The text "AEROSPACE CANCER MUSEUM OF EDUCATION" is overlaid in white, sans-serif font across the middle of the image.

AEROSPACE CANCER MUSEUM OF EDUCATION

Consent Order
Negotiations continue...

NASA transfer to GSA
Issues to congress

The background of the slide is a photograph of an astronaut in a white spacesuit floating in space. To the left of the astronaut is a large, stylized graphic of a cancer cell with orange and red filaments. In the upper right, the word "HOME" is written in a bright, glowing dot-matrix font. Below this, the text "AEROSPACE CANCER MUSEUM OF EDUCATION" is displayed in a white, sans-serif font.

AEROSPACE CANCER MUSEUM OF EDUCATION

“On May 14, GSA met with you to discuss NASA's notice of intent to deliver to GSA NASA's determination that the Federal property at the Santa Susana Field Laboratory facility was excess to its needs. GSA provided you a briefing memorandum to facilitate that discussion. When I met with local interest groups in the weeks that followed, Ms. Christina Walsh, with the Aerospace Cancer Museum of Education, pointed out that she thought GSA's statement in the briefing paper -- that California's law, SB 990, may require cleanup beyond background for some constituents -- was in error. I told her that I would discuss this with the California Department of Toxic Substances Control (DTSC) and correct or clarify the statement if it were in error. After discussing the issue with Norm Riley, the DTSC Project Manager, I have determined that a clarification is in order:...”



AEROSPACE CANCER MUSEUM OF EDUCATION

Northern Drainage
Clean-up continues...

What about the rainy
season?

An astronaut in a white spacesuit is shown in profile, looking towards the right. The astronaut's helmet features a large, stylized orange and red cancer cell graphic. In the background, the Earth's blue and white horizon is visible against the blackness of space. A bright sun or star is positioned behind the word 'DNA', which is rendered in a glowing, dotted font. The text 'AEROSPACE CANCER MUSEUM OF EDUCATION' is displayed in a white, sans-serif font across the middle of the image.

AEROSPACE CANCER MUSEUM OF EDUCATION

Remedial Actions:

What is needed?

How much soil?

Where does it go?

How do we accomplish
this safely?

A photograph of an astronaut in a white spacesuit floating in space. The astronaut's helmet features a red and white floral emblem. In the background, the Earth's blue and white horizon is visible. To the right, the word "HOME" is displayed in a bright, dot-matrix font, with a starburst effect behind the letter 'O'.

AEROSPACE CANCER MUSEUM OF EDUCATION

RCRA or now CERCLA
Group after Group

Right now:

1a (Area 1)

3 (Area II, Alfa/Bravo)

10 (Southern Bufferzone)

4 SAP (Area II Coca/Delta)

2017?

Can we get there?

What about the
groundwater?

How can this be
accomplished?

- What can YOU do?

- 
- A person in silhouette is planting an American flag on a hill. The person is wearing a cap and a backpack, and is leaning forward to secure the flagpole. The flag is waving in the wind. The background is a clear sky and a distant horizon.
- You can use your voice and weigh in.
 - You can help us use ours
 - Call, Write or E-mail your elected officials.
 - Visit ACME

- What can YOU do?

A person in silhouette is kneeling on a grassy hill, planting a tall pole with an American flag. The flag is waving in the wind. The background is a clear, light sky. The person is wearing a cap and a backpack.

–If you would like to write a letter to voice your concern, let us help you.
–Let us help you with the reports.

- Get Involved in the discussion:



Christina Walsh and William Preston Bowling

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