

Easel photographs from Porter Ranch Community Meeting

- Health Study Input and Discussion –

December 14th, 2017



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QUESTION #1

COMMUNITY INPUT

- 12 MILES IN EACH DIRECTION FROM ALISO/PORTER RANCH
- LIST OF CHEMICALS) IF: THERE ARE ^{SOME} SAMPLES OF WHAT CAME OUT OF WELL
- LIST OF MEDICAL HEALTH CONDITION
- PAY FOR HEALTH EXPENSES
- WENT TO OWN DRS.
- ODORANTS DOES NOT COVER CHEM
- 100 SAMPLE TOO SMALL.
- WIND PATTERNS DURING BLOW OUT.) HAVE METEOROLOGICAL DATA & WIND PATTERNS

QUESTION/STATEMENT #2

- GIVE COMMUNITY THE \$1 MILLION & THEY WILL CONDUCT STUDY. (NO TRUST W/ GOVT AGENCIES)
- INSIGNIFICANT SAMPLE SIZE
- DURING BLOW-OUT - COLLECTED DATA, NOW RETEST.
- LOOKS RIGGED BECAUSE SAYS CAN'T ASSOCIATE SYMPTOM W/ EXPOSURE.
- VAST MAJORITY OF PEOPLE DID NOT GO TO HOSPITAL WENT TO PRIVATE DR.

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• UCLA HEALTH STUDY TOOK OVER BY DPH?

STATEMENT #3

- DPH RECEIVED COMPLAINTS FROM 12-MILES FROM ALISO/PORTER RANCH
- 2 WEEKS AGO THERE WAS A LEAK. SOCAL GAS NOTIFIED 2 HRS LATER.
- FELT BETTER WHEN OUT OF TOWN DURING THE BLOW-OUT
- NOT JUST ODORANTS / MERCAPTIN.
- 1) NEED TO FIND OUT CHEMICALS FROM SOCAL GAS. FRACKING
- 2) TRUE HEALTH STUDY FOR ENTIRE NORTHERN SFV
- 3) CLOSE FACILITY

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STATEMENT #4:

- DON'T KNOW WHAT CHEMICALS WERE DUMPED ON. & EVERYTHING USED TO PLUG WELL.
- WHAT THE CHEMICALS DO TOGETHER
- NOT LAPH - HAVE NOT RESPONDED
- 100 PEOPLE IS TOO SMALL OF SAMPLE SIZE.
- PEOPLE WHO ARE SICK / WERE SICK NOT AROUND / LEAVING / NOT PRESENT DURING CASPER STUDY BECAUSE THEY WERE SICK
- BECAUSE SETTLED FOR \$1 M, WILL NOT GET ANYTHING MORE. WILL NEVER FIND OUT.
- BRING IN NIH.

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STATEMENT #5

- \$34 M OVER 54R } GULF & SISTER
NIH = \$10 M } STUDY & STUDY
BP = \$10 M }
- CANCER HAS A LATENCY EFFECT. HOW WILL FOLLOW A LONG TERM STUDY.
- NIH GRANT
- LOOK AT MERCAPTIN.
- DATA FROM 8-MILE ALABAMA?
- PROBLEMATIC TO GO BACK TO HOSPITAL / DOCTOR THE HOSP / DR. DID NOT KNOW ABOUT LEAK, SO NOT IDENTIFIED.
- JAN STUDY - UCLA PM STUDY.

STATEMENT #6

- SCHOOL CHILDREN - ASTHMA OR PROXIMITY TO FACILITY?

PAGE #5

- \$1 MILLION NOT ENOUGH FOR EVERY RESIDENT
- NEED CHEST X-RAY, BLOOD SAMPLE, OTHER TESTS - PROBABLY OVER \$5,000-6,000 PER YEAR
- \$800 MILLION TO START
- 20 YEARS TO FOLLOW EACH PERSON

STATEMENT #6

- \$1 MILLION IS NOT ENOUGH.
- ASK GOV. FOR FUNDING.
- RADIATION COMING OUT OF WELLS. (HAVE DATA THAT SHOWS MASSIVE RADIATION - GAMMA, ALPHA (FOUND IN CREEK WATER), 226, 228)
- 100 SAMPLE SIZE TOO SMALL
- TERMO - FRACKING SPOTTED RECENTLY - BROWN CANYON. EXPOSURE.

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- CANVAS OTHER AGENCIES - SHARE INFO.
- WIND ROSE PATTERN - NO STUDY OF WIND PATTERNS.
- STOPPED TESTING. LICOR VEHICLE. IN SEPT.
- NO CONFIDENCE IN SCARMD.

STATEMENT #7

- 5 CHILDREN/^{RE}LOCATED FOR 5 MONTHS
- NO ONE TRUSTS ANYONE INVOLVED
- 2/2017 - FUNDS RELEASED FOR HEALTH STUDY - WHERE HAVE YOU BEEN.
- BP LARGEST OIL SPILL - GOLD STANDARD STUDY.
- ALSO LARGEST RELEASE IN COUNTRY - NOTHING.
- MIN 10-MONTHS TO GO OUT & RAISE FUNDS.

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- SCAQMD NOT RAISED ANY ADDITIONAL FUNDS.
- TRANSPARENCY?
HEARING BOD UNDERSTOOD.
- JAN 24 & 25 - SOCAL GAS WITH DRGW GAS - ODORS IN COMMUNITY.
- VERIFIED BY SCAQMD INSPECTOR (CORNER OF TAMPA & CESSNA)
- OTHER CHEMICALS
- A 7,000 COMMUNITY STUDIED 100
- MOBILE APP TRACK HEALTH SYMPTOMS. (7-WEEKS)
- ENTIRE VALLEY

STATEMENT #8:

- NO TRUST OF GOVT AGENCY.

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- LONG TIME TO CONDUCT HEALTH STUDY.

STATEMENT #9

MONITOR:

- RADIATION, HEX CHROME.
- IN CONTACT W/ WATER BOARD
- SOCAL GAS FENCE LINE MONITORS SHOW 0% METHANE. REPLACE SOCAL GAS MONITORING.
- GIVE \$1 MILLION TO DR. NORDELLA. HE PLEDGE NOT TO TAKE - HIRE CONSULTANTS

STATEMENT #10

- 2/2016 LEAK
- NOSE BLEED TODAY - STAY OUT OF WORK MANY DAYS. NAUSEA, DIZZY, NOSE BLEED.
- BLOOD PRESSURE - ~~WENT~~ WENT TO ER. ER DR. - PORTER RANCH RESIDENTS - HIGH BLOOD PRESSURE.

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- LIVES 1/4 MILE FROM WELL. DID NOT KNOW HOUSE WAS SPRAYED.
- MORRIS COMPANY. POWER WASH HOUSE.
- WHERE DID WATER GO.
- RELOCATED 7 MONTHS.

• DON'T KNOW LONG TERM EFFECTS, SO WON'T HAVE DAUGHTER. IN. LAW VISIT BECAUSE SHE IS PREGNANT.

• GAS LEAK CONTINUING? MR. LA FEVER, SOCIAL GAS.

• HEADACHE, NOSE BLEED, NAUSEOUS, DIZZY, BLOOD PRESSURE, RASHES

• CHEMICALS?

STATEMENT #11

• \$1 MILLION US. \$30 MILLION

• LONGER TERM

• FULL EPI STUDY -

- IN DETAIL - WHAT WAS IN \$30 MILLION SCOPE.
TRANSPARENCY. ALL POSSIBLE SCOPES

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• OEHHA.

• SLOPE ROUGH - EXPERTS TO DEVELOP.

• JR:

• STUDY WOULD INCLUDE OTHER CHEMICALS.

PF: MEASURE ALL AIR TOXICS IN URBAN ENVIRO. WHAT MEASURED DOES NOT EXPLAIN HEALTH EFFECTS. MERCAPTAN UNKNOWN.

• CRIMINAL - SETTLEMENT?

• COLLECT TOXICOLOGY AT TIME.

• MODELING - DISPERSION - LAPH - STUDY IN DRAFT. WOULD LIKE STUDY, NOT REPETITIVE STUDY.

• BENZENE FOUND IN HOMES & AIR.

• RARE DISEASES - STUDY HISTORY VS. COMMON CAN BE PROSPECTIVE.

• GET MORE MONEY.

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- COMMUNITY MEMBERS PARTICIPATE IN TAC TO REVIEW & SCORE STUDY PROPOSALS.

STATEMENT #12

- NO TRUST W/ ANY AGENCIES.
- CANT FIND OUT WHAT IS IN GAS L OIL ONLINE
- STILL HAVE 2 LEAKS A DAY, LARGEST LEAK SINCE BLOW OUT A WEEK AGO.
- CASTLEBAY - 6 CANCER IN TEACHERS IN 10 YEARS.
- DON'T WORK W/ LAPH BECAUSE LETTER TELLING DRS. NOT TO TAKE TOXICOLOGY.
- HIRE SEPARATE FIRM TO DO WORK, THEN COMPARE W/ LAPH WORK THEY ARE VOLUNTEERING TO DO OUTSIDE SCORE.

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- SOCIAL GAS - "MEGA" COMPRESSORS ARE BEING PREPARED TO INTERACT AT HIGHER RATE.
- WHAT HAPPENS IF ANOTHER LEAK & EARTHQUAKE FAULTS.

STATEMENT #13

- LAUSD - INCLUDE HEALTH IMPACT STUDY OF TEACHERS & STUDENTS.

STATEMENT #14

- CANCER LATENCY PERIOD & RADIATION EXPOSURE.
- CANCER SCREENING - CANCER SCREENING CAN CAUSE HIGHER RISK, SO CANCER #S MUST JUSTIFY EXPOSURE.
- REDACTED INFO FROM SOCIAL GAS HOW CAN SEE INFO.
- GEOSYN TAL - CONTRACTOR FOR SOCIAL GAS & WATERBOARD.

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STATEMENT #15

- DAKYL PARR, WH STAFF, CAME TO GB.
- GB → BRING BRD CAUSE FOR SETTLEMENT.
- FIGHT FOR MONEY

STATEMENT #16

- WHY WAIT TO COLLECT HEALTH DATA. COLLECT ON DAY 2.

STATEMENT #17

- # OF DEATHS THAT HAVE OCCURRED 2 YEARS PRIOR & CURRENT.
- PUBLIC RECORDS REQUEST. WHEN HAPPENED THEY CALLED 800-CUT-SMOG. AT FIRST DID NOT COME OUT, THEN TOOK 3+ CALLS.
- DID PUBLIC RECORD - CORRELATE DATE OF COMMUNITY CALLS & DR. VISITS/ER.

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• REQUEST STUDENT ABSENCES FROM LAUSD. EXCUSED/UNEXCUSED
TALK TO VETS - LOST PETS

• 50-MILE RADIUS

STATEMENT #18

ATTORNEY -

- 7,535 RESIDENTS - REPRESENTS
- DATA FOR UNACCOUNTED FOR GAS IN SEC FILINGS.
- CARB REPORTS. SOCIAL GAS REPORTS.
- LOOK AT GAS BEFORE SCRUBBER.
- DATA TO SUPPORT COMMUNITY LEGAL EFFORTS.

NOBELLA

- SEARCH TURN & OVER TO COMMUNITY.

STATEMENT 15

- NORDELLA STUDY 100 PATIENTS - EKG, CHEST RAYS, TESTING.
- CHEMICALS IN COMMUNITY THAT SHOULD NOT BE HERE.
- DATA ON PATIENTS NOT LIKE OTHERS.
- KAISER DOES NOT DO TESTING, IGNORE SYMPTOMS.
- RESIDENTS WENT TO PRIVATE DRS.
- EPID OF COMMUNITY - EXTRAPOLATE DATA WITHIN PARALLEL COMMUNITIES TO COMPARE.
- DID HEALTH STUDY FOR \$7,000.
- TAKE OUT OF LEGAL & POLITICAL & BRING TO COMMUNITY.

STATEMENT 16

- ALL OF SETTLEMENT & TO COMMUNITY.

- 6 WEEKS > REPORT
- COME BACK WITH GBM.

STATEMENT 17

- DOES COMMUNITY WANT TO START LIMITED STUDY OR WAIT FOR ADDITIONAL RESOURCES.

Pf: Summarize info.

- Bring back to Home & GBM.
- Consult others.
- Hope to work w/ community
- Talk to experts.

STATEMENT 18

- PLANTIFF COUNSEL - SETTLEMENT INFO?
- GBM at next meeting
- Why have to work w/ LAPM

Questions

~~CIRCUIT #1~~
COMMUNITY QUESTIONS.

- #1. WHY SETTLE?
LAPH = \$40 MILLION
- #2. STATUS OF UCLA HEALTH STUDY?
- #4. WHO IS PICKING SCIENTISTS & RESEARCHERS? WOULD KFP BE OPEN TO ENTIRE US & BEYOND TO GET BEST. COME FROM FAR AWAY TO BE OBJECTIVE.
- WHY NIH NOT INVOLVED?
(55,000 WORKERS FOLLOWED FOR BP OIL SPILL).
- WHO IS RESPONSIBLE FOR BRINGING NIH IN?
- #5. ASK NIH FOR GRANT?
 - DATA FROM 8-MILE ALABAMA? JK: I'VE LOOK AT EXPOSURE, BUT LOOKING AT INFO. EXISTING.
- #6. ELECTED OFFICIALS?

- #7. Where has SCAQMD been for the past two years?
- 8. Where is the true transparency?
- 9. Is there a requirement for a report? Where is the report?
- 10. What is Jo Kay's experience in toxicology? What qualifies Jo Kay to conduct the study?
- 11. Who will decide on the experts to conduct the study?
- 12. Why has SCAQMD taken so long to come back to the community?
- 13. Why did SCAQMD stop its drive through monitoring?

14. Can AQMD conduct Flyovers of facility?

15. Do I sell or stay in my home?

16. What are we giving up upon receiving \$1M vs \$30 ~~\$40M~~ - \$40M?

17. Does a questionnaire count towards a clinical study?

18. Were there two scopes?

19. Are tracking the effects of the odorant alone, too narrow for the study?

20. Were metals measured?

21. Should the residents' toxicology been captured shortly after the blowout?

22. Are you aware benzene was found in the homes?

23. Were there other chemicals ^{in homes(?)} that may affect the body?

24. WHAT WAS THE BUDGET OF THIS STUDY?

25. How will you do Primary + Secondary Study?

26. What % of the population would be adequate for a ^{sample for a} comprehensive study?

27. Do rare diseases require larger sample sizes for a study?

28. Why isn't this meeting being taped?

29. Will TAG be part of evaluation / review / ^{technical division group} decision making process? (for ref?)

30. Do you have to use LACPH in the study?

31. Is AQMD able to prosecute SEMPRA?

32. What happens during next accident?

↳ especially when new compressors come into play?

33. What will be done to monitor cancer before the onset of cancer?

34. How can you conduct a study w/o all the information redacted?

35. Why was data not collected soon after it was released? (on health study)

36. Do you represent the people you influenced?

37. Where did the unaccounted gas go?
...there were problems even before the blowout.

38. What is "scrubbed" from the gas?

↳ those are the chemicals ^{in public reports}
people want to know about.

39. Why isn't the settlement \$ released to the community?

40. Can you return w/ GBMs?

41. Do we want to continue + move fwd w/a \$1M study or no study @ all by rejecting this \$?

42. When you return, what will be different than what we did today?

43. Can we have your bosses at the next mtg.?

44. Why only \$1M?

↳ bring people who agreed to this?

45. ~~Why~~ Why do you have to work w/LA County PH on the epi study?