

Internal Advisory Document (not for distribution)

COMMUNICATIONS PLAN

Situation analysis

Entek's Lebanon facility produces microporous plastic sheets used as lead acid and lithium ion battery separators. The company uses trichloroethylene, commonly called TCE, as a solvent in its manufacturing process. TCE is associated with cancer and non-cancer health effects. Recently, as part of the Cleaner Air Oregon regulatory overhaul, OHA and DEQ drafted new short-term guideline concentrations for air toxics (SGCs). As part of this process, the agencies became aware of recent EPA and ATSDR guidance on short-term health effects of TCE exposure – including links to heart malformation in infants. – infant rats would be accurate.

EPA's National Air Toxics Assessment modeling data indicates Entek's trichloroethylene emissions potentially exceed 12-month health levels for health risk. Based on those findings, DEQ requested refined modeling that shows potential exceedance of short- and long-term risk levels. DEQ intends to deploy air monitors to gain actual TCE concentration data. – define

DEQ will determine further steps based on the findings of that analysis. Additional factors:

- Entek is currently in compliance with its air permit.
- Entek is not currently subject to any National Emission Standard to control trichloroethylene emissions.
- Entek is voluntarily adding additional emission controls. Entek captures some trichloroethylene emissions with a carbon bed control system and has taken other steps to reduce fugitive emissions.
- Entek is in compliance with Oregon OSHA standards for TCE, which are not aligned with more recent EPA and ATSDR short-term reference guidance.

Goals:

- **Explain possible health risks:** Inform neighbors, Entek employees, local officials and members of the broader community, including nearby schools and a veterans home, about potential health effects of TCE emissions at Entek.
- **Demonstrate agency actions:** Show how OHA and DEQ are taking action to gather information about possible exposure and reduce any potential risks, within current federal and state rules. – how?
 - **Address concerns about regulatory gaps:** Pivot to Cleaner Air Oregon regulatory overhaul in response to questions about gaps in current rules. Link timing to CAO rule-making process.
- **Build community trust and support through transparency:** Provide transparent, timely and culturally competent information.

Strategies:

- **Direct communication to people most affected:**
 - Communicate directly to employees and neighbors through letters and meetings.

- Use “what we know, what we don’t know, what we’re doing about it” framework.
- Provide information in plain language. Identify and engage non-English speaking communities.
- **Regular reporting/web site:** Establish platform for timely, accurate and reliable information.
- **Leverage earned media to educate public and demonstrate agency action:** Proactively engage local and regional media.
- **Close communication with local elected officials and legislators:** Keep state and local leaders informed at each stage of the process.

Tone: Factual, responsive, non-defensive.

Audiences:

Audience	Values/concerns	Communications objectives	Pathways
Entek employees	Personal/family health Jobs	Explain health risks Explain regulatory decisions	Letters Meetings Email Local media Social media
Neighbors	Personal/family health Agencies are taking appropriate action Impact on local economy	Explain health risks Explain agency actions	Letters Meetings Local media Social media
Entek management	Impact on production Impact on cost/competitiveness Liability Reputation	Understand health risks Promote cooperation Explain regulatory decisions	Meetings Direct communication
Wider Lebanon community	Personal/family health (esp. ground water exposure) Agencies are taking appropriate action Impact on local economy	Explain health risks Explain agency actions	Meetings Local media Social media
Legislators/local officials	Constituent concerns Impact on economy Agencies are taking appropriate action	Explain regulatory decisions Demonstrate responsiveness to community and company	Meetings Direct communication Media
AOI/OBA	Impact on business Agencies are taking appropriate action Precedent/CAO	Explain regulatory decisions Demonstrate collaboration with company (as appropriate)	Meetings Direct communication Media

Message Map

Core message:

State health experts and environmental regulators are taking action to assess possible health risks for neighbors and employees from TCE. TCE is a chemical used at Entek, a major regional employer, which is operating legally under permit. State health experts know that elevated levels of TCE can pose health risks to people, especially for pregnant women and newborns. Health experts don't know if levels of emissions from Entek are putting people at risk but recent computer models show it is possible. Regulators are testing the air near Entek to find out. State agencies will take action to reduce any risks to Entek workers and neighbors.

- how?
- evidence
- ???
- what actio

Elevated levels of TCE can cause health effects.

State agencies are taking action to reduce risks to workers and neighbors.

State agencies will keep workers and neighbors informed every step of the way.

• Current rules are technology-based. They are not based on health standards, but Cleaner Air Oregon regulatory reforms will be health-based.

Supporting message

- Evolving scientific research tells us that elevated levels of TCE can pose health risks
- EPA and ATSDR: short-term exposure linked to fetal heart risks.
- Long-term risk: Kidney cancer.

Supporting message

- Computer modeling shows Entek emissions are potentially above levels of concern.
- State agencies are deploying air monitors to determine if workers and neighbors have been exposed to unhealthy levels of TCE.
- Agencies are working with Entek to assess and address potential risks.

Supporting message

- Attend community meeting.
- We will post air monitoring results online.
- We have established an information line to answer questions
- We will conduct a public health assessment if indicated by air monitoring results.

Supporting message

- Entek is in compliance with its permit and current OSHA standards.
- Current rules are technology-based. They are not based on health standards.
- Current rules do not address short-term exposures.
- Through Cleaner Air Oregon, agencies are overhauling Oregon's air toxics regulations to better protect human health

Deflators:

How do we know Entek's TCE emissions pose health risks? Entek is well below OSHA standards. Why didn't agencies act sooner?

Entek is in compliance - why are agencies taking these actions?

Recent studies and EPA guidance point to serious health risks for pregnant women and infants from TCE exposure. Oregon's current rules do not take into account health effects from short-term exposure. We are acting out an abundance of caution to ensure workers and neighbors are safe.

Agencies are overhauling Oregon's air toxics regulations to better protect human health. As part of that process, health experts looked at short-term risks from pollutants such as TCE. Computer models showed a potential risk to Entek neighbors. Now we are deploying air monitors to get better information.

Agencies have a responsibility to take action to protect public health and worker safety. We are working with Entek to gain better data.

rats?

evidence, citation?

how?

Which expert

what action?

Agencies are monitoring in the community, but not inside the facility.

OSHA is working with Entek to strengthen protections for workers, including increased availability of voluntary protective devices.

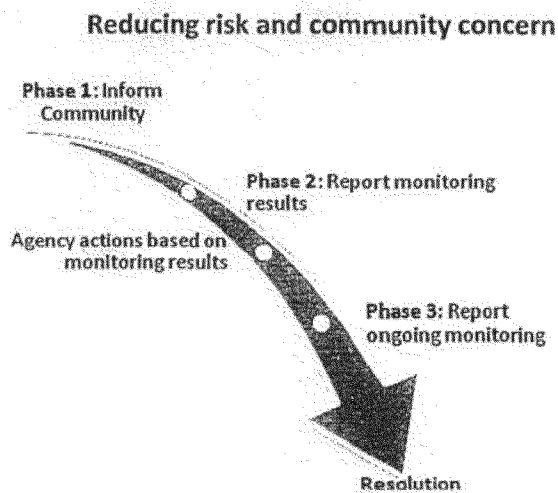
Holding statement

The following message is to be used to respond to any potential questions from media prior to April 10:

State environmental quality regulators and health experts have been reviewing health risk thresholds for hundreds of air toxics as part of the Cleaner Air Oregon regulatory reform. As part of this process, we reviewed computer models of emissions at Entek. The next step is to set up air monitors to gather data from the vicinity of the facility. At this time, we do not know if there are elevated levels of emissions from the facility that would pose risks to people. We look forward to sharing information about monitoring plans and the air quality data we collect. State agencies and local public health officials will announce meetings with community members and Entek employees next week, as soon as logistics are finalized.

Tactics

At this stage, we expect a 3-phase process to resolve the questions about potential health risks for Lebanon residents due to TCE exposure. There may be additional phases, depending on what monitoring tells us. We do not know how long each of these phases may last.



Phase	Tactic	Objective	Date	Owner
	Meeting with Entek	Inform company Discuss employee notification	Initial Meeting by April 6	DEQ (WR Qir Quality Program) OHA OSHA

PHASE ONE	Letter to Entek employees	Explain risks Explain steps agencies are taking Promote community meeting	April 10	OHA/OSHA/DEQ
	Letter to residents	Explain risks Explain steps agencies are taking Promote community meeting	April 10	OHA/DEQ/Linn PH
	Outreach to businesses	Fact sheet Talking points	April 10	Linn Public Health
	Engage Samaritan and other health providers	Fact sheet Physician guidance	April 10	Linn Public Health/OHA
	News Release	Announcing further steps/informational meeting.	April 10	DEQ/OHA/OSHA
	Webpage	Explain risks Explain steps agencies are taking Post monitoring results	April 10	DEQ/OHA
	Notify legislators	Explain risks Explain steps agencies are taking	April 10	DEQ/OHA
	<ul style="list-style-type: none"> • Share news release • Meetings 			
	Brief local elected officials	Explain risks Explain steps agencies are taking to gather data	April 10	Linn County PH OHA DEQ
	Create GovDelivery list	Create email subscription list to provide updates to interested parties.	April 10	DEQ
Social media posts	Share news release Create hashtag: #cleanerairLebanon	April 10 Ongoing	WR Public Affairs Specialist/With shares from partner agencies	
Community Meeting	Provide information to public on ongoing efforts	April 13	DEQ/OHA/OSHA, Linn County Public Health	
Media availability	Explain risks Explain steps agencies are taking to gather data		DEQ/OHA/OSHA Linn County PH	
News release	Report monitoring results Report agency actions	TBD	DEQ/OHA/OSHA	

Four day program?
TOO SHORT

PHASE TWO

Webpage	Post monitoring results	TBD	DEQ/OHA
Notify legislators	Report monitoring results Explain steps agencies are taking to reduce risks	TBD	
Brief local elected officials	Report monitoring results Explain steps agencies are taking to reduce risks	TBD	Linn County PH OHA DEQ
Community meeting	Explain risks based on actual data Explain steps agencies are taking to reduce possible risks		OHA/OSHA/DEQ Linn County PH
Convene Public Health Assessment Advisory Committee	Engage community	TBD	OHA

Tools/artifacts

- News release
- Talking points for Entek meeting
- Talking points for legislators/local leaders
- Talking points for community meeting
- Talking points for businesses
- Physician guidance
- Fact sheet for community (including translation)
- Fact sheet for Entek employees
- Web page for providing updates and reporting air monitoring results
- Information line (need language support)
- Timeline

Legal/program requirements

The facility's air permit is currently in the renewal process. DEQ will provide public comment on that permit and follow applicable legal and program requirements.

Agency roles

The communications effort will need to involve multiple agencies and explain varying standards and risk levels:


- As an environmental agency, DEQ regulates emissions from the facility
- OHA is charged with protecting human health and uses health-based standards.
- OSHA regulates worker safety

- OSHA regulatory levels are significantly higher than other regulatory health based standards.
- Linn County Public Health Department is the local public health agency.

Metrics

Strategy	Measure
Direct communication	Reach Meeting participation Tone
Regular reporting	Engagement with social posts Website visits
Earned media	Proactive coverage in local media: focus on agency actions Message pull-through Tone No editorials
Engage legislators/local officials	Posture/tone

ad
campaign

	<p>Health Intelligence Briefing – Lebanon Environmental Health Issue</p> <p>March 29th, 2017 1200 PSOB AOC 425</p>
	<p>Conference Line: <small>Non-responsive Conference Code/Ex.6</small></p> <p>Participant Access Code: <small>Non-responsive Conference Code/Ex.6</small></p>

Agenda

Attendees

In-room: Kristen Darmody, OHA Health Security, Preparedness & Response (HSPR); Akiko Saito, OHA HSPR; Lillian Shirley, OHA Public Health Director; Jere High, OHA Center for Health Protection; Dan Cain, Oregon OSHA, DeWayne Hatcher, OHA HSPR; Curtis Cude, OHA Environmental Public Health (EPH); Susanna Wegner, OHA EPH, Collette Young, OHA Center for PH Practice; Gabriela Goldfarb, OHA EPH; Carrie Christianson, OHA; Richard Leman, OHA; Robb Cowie, OHA External Relations; Jamie Bash, OHA ACDP; Matt Gilman, OHA PH Director's Office

On the phone: Leah Feldon, DEQ; Chris Ottoson, OSHA; Karen White-Fallon, DEQ; Dave Belyea, DEQ; Claudia Davis, DEQ; Katherine Benenati, DEQ; Aaron Corvin, OSHA

Notes: Maria Escobar-Sinn, OHA HSPR

Agenda Item

Situation Overview – Gabriela Goldfarb & Dave Belyea

- Oregon uses the federal guidelines for pollution controls for industrial sources of air toxics. Current hazardous air pollutant standards are based off the technology being used rather than toxic air emissions actually being emitted from a facility. Cleaner Air Oregon will restructure regulation to align with health impacts from emissions in the future.
- As part of Cleaner Air OR, a DEQ toxicologist shared a Human Exposure Model report from the EPA. Entek facility in Lebanon, OR was reported to have very high levels of trichloroethylene (TCE). Entek has been regulated for a long time due to this chemical's impact on smog, and has taken steps over the past 30 years to reduce emissions of TCE.
- In 2011, the EPA determined through rat studies that TCE can contribute to an increased risk of fetal heart malformation as well as other possible health impacts.
- Women of child-bearing age are top concern for this health risk.
- Susanna Wegner – primary evidence is in rats with limited evidence in people. Reference concentration of 2.1 is also relevant for immune effects with chronic exposure.

- DEQ took the high level screening information from EPA and has done more refined modeling that identifies emission levels, while modeled at lower levels that the EPA screening model, are still above the reference concentration where there may be short term health risks, indicating a need to place air monitors at and near the facility.

Environmental Health Update

- Background – Karen White-Fallon
 - o Facility operates 24 hours a day with 2, 12-hour shifts of workers.
 - o Facility makes battery separator material and TCE is released in the manufacturing process.
 - o When doors are opened during the extrusion process, these gases escape as fugitive emissions.
 - o Gabriela, OHA – EPA and ATSDR both landed on same numbers that OHA and DEQ are using in identifying this newly understood short term health risk.
- TCE has been banned in aerosol applications by the EPA, which is likely to be brought up during this process even though the process Entek is using is not covered by this ban.
- Investigation Needs
 - o DEQ lab has put together a sampling and analysis plan to place air monitors at the facility to collect data on actual emissions.
 - o DEQ is working to set up a meeting with Entek leadership for next week.

Communications

- Current status – Jamie Bash
 - o Need to prioritize notifying the community, particularly since women who are pregnant could be affected.
 - o Community of Lebanon came to OHA requesting a cancer risk assessment in 2009 due to TCE in groundwater. Case was very high-profile with legislators involved, so it will be important for those involved in the response to be aware and sensitive to that history.
 - Of the chemicals assessed including TCE, most came back with no apparent PH hazard. Some intermediate hazards for possible exposure through vapor intrusion.
 - Report sites community highly concerned with effects to children, so that should also be addressed.
 - o Robb has been working with Katherine Benanati, DEQ, on a communications plan. Jonathan already has draft news release.
 - Priority of the communication plan is to provide information to the community and the employees of the facility surrounding potential health risks and effects, what we are doing to reduce risks, and what we are doing to gather additional info.
 - These chemical levels are not regulated under current law, so we will be highlighting the Cleaner Air OR work to close these regulatory gaps moving forward.
 - Press release will announce a community meeting to be scheduled in early/mid April. Date TBD.

- Aaron, OSHA states talking points for workers are in production. While enforcement cannot occur, focus will be on education and outreach. Would be helpful to see draft press release and timeline.
- Dave wants to ensure that the meeting with the company happens April 1-5, prior to community meeting.
- Question raised regarding need for retrospective epi to look into elevated birth defects, etc. in the area. Because the rarity of these conditions and the small population, in conjunction with limitations to data compilation it is not enough to accurately track or be statistically significant.
- 3 meetings will need to be planned: 1 with Entek management, 1 with Entek employees, and 1 with the community
 - Entek is giving dates of April 10th or 12th. Group feels that is too far out and we will attempt to work toward an earlier date, even if all managers cannot attend. OHA and OSHA representation requested.
 - Week of the 10th would work well for Lillian, PHD Director and Richard, DEQ Director to attend a community meeting.
 - If community meeting and company meeting can occur on the same day, it would be ideal.
 - Claudia suggests we may get pushback from Entek if we attempt to shut down production for a meeting with employees. Karen states only about 6 out of 100 employees are women who would be of highest priority.
 - Akiko suggests requesting that the company put out an email or other communication to their employees at the management meeting and scheduling the employee meeting for the week of the 10th.
- No dates for air monitoring yet.
 - Communications will go out prior to monitors put out due to size of community and the need for transparency prior to people noticing the monitoring.
- Risk Comm tools needs
- Spokesperson calendar
 - Jamie is out Thurs/Fri, and Tony is out for the weekend. Will work today to get Robb Cowie set up to take over communications Thursday.
 - Katrina Hedberg or Richard Leman will be the spokesperson/technical expert.

Gaps and Next Steps

- IMT – group is in agreement that IMT should be activated.
 - OR-OSHA: Aaron gone 4/3-11, reach out to Lisa Morawski and Mark Peterson for OSHA in his absence. Chris Ottoson and Dan Cain are available for the meetings.
 - DEQ Leah Feldon, Dave Belyea, Claudia Davis, Katherine Benenati, Karen White-Fallon.
 - Kari Christiansen, OHA EPH for OHA – lead on community and employee meeting planning.
- Leadership updates – to follow.
- Planning meeting for the following day to plan meetings and communications.

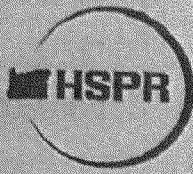
Reports/Q&A

Next Meeting – Thursday, March 30th 1300 – 1430

Contact Information:

Public Health Duty Officer

971-246-1789 / php.duty-officer@state.or.us



Planning – Lebanon Environmental Health Issue

March 30th, 2017

1300 - 1430

PSOB AOC 425

Conference Line: Non-responsive Conference Code/Ex. 6

Participant Access Code: Non-responsive Conference Code/Ex. 6

Notes

Attendance

In the room: Jere High, Magali Blanco, Curtis Cude, DeWayne Hatcher, Jennifer Graham, Dana Drumm, Gabriela Goldfarb, Susana Wegner, Kari Christiansen, Richard Leman, Katrina Hedberg, Matt Gilman, Rob Cowie,

On the phone: Dave Belyea, Katherine Benenati, Claudia Davis, Karen White-Fallon, Leah Feldon, Dan Cain, Aaron Corvin, Haleigh Leslie, Chris Ottoson, Shannon O'Fallon

Situation Overview Summary – Jere High, OHA

- Human Exposure model by EPA revealed possible short term health risks
- Entek has been a long-regulated facility, is currently in compliance.
- Cleaner Air Oregon work will help close regulatory gaps.
- DEQ gathered additional data, performed a more refined model and the model identifies emission levels above the reference value. DEQ has proposed an air monitoring plan.
- Air monitoring needed to verify actual emissions, plan in development.
- Three meetings required in advance of air monitoring: with company, workers, and community.
- Today: Further plan meetings and communications plan

Meeting Planning – All

Entek management meeting

- April 6, 1:30PM at the facility
- Representatives to be present:
 - DEQ – Leah Feldon, David Belyea, Karen White-Fallon,
 - OHA – Lillian Shirley, David Farrer
 - DOJ – tbd
 - OR-OSHA – Michael Wood
 - Entek – company president, general counsel, Tom Wood (attorney), 1 other representative

Needs prior to the meeting:

- Coordinated messaging – subcommittee to meet

- Gabriela Goldfarb, Rob Cowie, Dave Belyea, Leah Feldon, Katherine Benenati, Michael Wood, Aaron Corvin

Entek company meeting objectives for April 6th:

- Convey health information
- Convey modeling results

Contact Information:

Jere High
503-593-6244 / jere.high@state.or.us

Notes by:

Kerry Linhares
Kerry.linhares@state.or.us

From: [Whitman Richard](#)
To: [MINER Jason * GOV](#); [AUNAN Lauri * GOV](#)
Cc: [HOCKADAY Bryan * GOV](#); [HIGH Jere](#); [FELDON Leah](#); [SHIRLEY LILLIAN](#); [Saxton Lynne](#)
Subject: Enter - Air Permit Renewal
Date: Friday, January 20, 2017 5:36:33 PM

Jason and Lauri: Every three years, EPA prepares a list of facilities and estimated emissions of air toxics known as NATA (the National Air Toxics Assessment). The purpose of NATA is to serve as a high level screening tool for state/tribal and local governments to prioritize their work on controlling pollutants and to identify locations of interest for further study. We are in the midst of the latest NATA update and EPA has recently shared some of its draft estimates with Oregon.

At the same time, the science on the health risks (cancer and non-cancer) from air pollutants is continuing to be refined. One area in particular where refinement has occurred is with regard to the volatile organic compound TCE (trichloroethylene). TCE is used as a solvent (historically in many dry cleaning operations) in degreasing metal. More recent federal agency actions have lowered levels for recommended exposure limits.

Entek is a manufacturer of components for batteries, including lithium-ion batteries. From the outset, DEQ has included conditions in Entek's air permits addressing TCE emissions, and the company has worked to reduce emissions over time. Entek's air permit is up for renewal and at the same time EPA's preliminary NATA data have raised some concerns that levels of TCE emissions may pose health risks.

DEQ and OHA are working together to: (1) refine our information about actual (as opposed to estimated) emissions of TCE; and (2) refine our information about locations around the facility where people *may* have a risk of exposure to TCE at levels exceeding those recommended by EPA and ATSDR. We are evaluating whether this situation warrants the placement of an air monitor, and (if so) where a monitor would best be placed to confirm exposures. At this time, we do not have information that demonstrates any imminent or substantial risk to public health, but the agencies are making it a priority to further evaluate the situation. In any event, this concern will be fully addressed in the context of Entek's air permit renewal. In the meantime, if you have questions or concerns, please do not hesitate to contact me or Lynne.

Richard Whitman
Interim Director
Oregon DEQ
(971)413-5534

From: [Saxton Lynne](#)
To: [Whitman Richard](#)
Cc: [VANDEHEY Jeremy * GOV](#)
Subject: Re: Enter - Air Permit Renewal
Date: Sunday, January 22, 2017 6:44:19 AM

Thank you Richard - I have shared this with Jeremy, the Governor's Health Policy Advisor. We will want to keep him in the loop as well.

Sent from my iPad

On Jan 20, 2017, at 5:36 PM, WHITMAN Richard <richard.whitman@state.or.us> wrote:

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Interim Director
Oregon DEQ
(971)413-5534

From: [VANDEHEY Jeremy * GOV](#)
To: [DEMCHAK Victoria * GOV](#)
Subject: FW: Enter - Air Permit Renewal
Date: Monday, January 23, 2017 9:16:08 PM

fyi

From: Saxton Lynne [lynne.saxton@state.or.us]
Sent: Sunday, January 22, 2017 6:44 AM
To: WHITMAN Richard
Cc: VANDEHEY Jeremy * GOV
Subject: Re: Enter - Air Permit Renewal

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Richard Whitman
Interim Director
Oregon DEQ
(971)413-5534

From: FELDON Leah
To: BENENATI Katherine; DARBY BethAnne; FARRER DAVID G; GOLDFARB GABRIELA G; HIGH Jere; MODIE JONATHAN N; FELDON Leah; SHIRLEY LILLIAN; Saxton Lynne
Cc: HOCKADAY Bryan T GOV; BELYEA David; Whitman Richard; Cowie Robb
Subject: RE: Draft statement
Date: Thursday, April 06, 2017 9:03:14 PM

I am re-pasting the statement here so it is on top and adding Richard. I am good with this with a couple minor edits I've added. Thanks all

Joint agency statement about air monitoring near Entek International
The Oregon Department of Environmental Quality and the Oregon Health Authority are gathering information about air quality near Entek International in Lebanon. DEQ and OHA officials met with company representatives today to discuss next steps in determining whether air around the facility contains increased levels of trichloroethylene (TCE). State scientists are examining results of EPA models that show the air may contain TCE concentrations that could pose health risks and have requested additional information from the company to help them with their review of the modeling data. This process is still in the early stages, as DEQ and OHA gather and analyze additional, more refined data that will help them determine next steps, which could include placing air monitors around the facility in locations based on the modeling data; air monitoring can help state officials find out how much TCE is in the air and if it poses any risk to neighbors. It's important to note that Entek is in compliance with its current air quality permit, issued by DEQ, and with current federal and state occupational health and safety requirements.

From: BENENATI Katherine [katherine.benenati@state.or.us]
Sent: Thursday, April 06, 2017 6:44 PM
To: DARBY BETHANNE; FARRER DAVID G; Goldfarb Gabriela; HIGH Jere; MODIE JONATHAN N; BENENATI Katherine; FELDON Leah; SHIRLEY LILLIAN; SAXTON LYNNE
Cc: BELYEA David; COWIE ROBB
Subject: RE: Draft statement

Looks good to me and D Belyea. Thanks

Sent from my Verizon Wireless 4G LTE smartphone

----- Original message -----

From: Modie Jonathan N <JONATHAN N MODIE@dhsosha.state.or.us>
Date: 4/6/17 6:40 PM (GMT-08:00)
To: BENENATI Katherine <Katherine.BENENATI@state.or.us>; Darby BethAnne <BETHANNE.DARBY@dhsosha.state.or.us>; Farrer David G <DAVID G FARRER@dhsosha.state.or.us>; Goldfarb Gabriela <GABRIELA G GOLDFARB@dhsosha.state.or.us>; HIGH Jere <Jere.HIGH@dhsosha.state.or.us>; BENENATI Katherine <Katherine.BENENATI@state.or.us>; FELDON Leah <Leah.FELDON@state.or.us>; Shirley Lillian <LILLIAN.SHIRLEY@dhsosha.state.or.us>; Saxton Lynne <LYNNE.SAXTON@dhsosha.state.or.us>; Goldfarb Gabriela <GABRIELA G GOLDFARB@dhsosha.state.or.us>; HIGH Jere <Jere.HIGH@dhsosha.state.or.us>
Cc: BELYEA David <David.BELYEA@state.or.us>; Cowie Robb <ROBB.COWIE@dhsosha.state.or.us>
Subject: RE: Draft statement

OK, here's a new version, based on everyone's suggestions. I chopped 51 words out of it:

Joint agency statement about air monitoring near Entek International
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From: BENENATI Katherine [mailto:katherine.benenati@state.or.us]
Sent: Thursday, April 06, 2017 6:21 PM
To: Darby BethAnne <BETHANNE.DARBY@dhsosha.state.or.us>; Farrer David G <DAVID G FARRER@dhsosha.state.or.us>; Goldfarb Gabriela <GABRIELA G GOLDFARB@dhsosha.state.or.us>; HIGH Jere <Jere.HIGH@dhsosha.state.or.us>; Modie Jonathan N <JONATHAN N MODIE@dhsosha.state.or.us>; BENENATI Katherine <Katherine.BENENATI@state.or.us>; FELDON Leah <Leah.FELDON@state.or.us>; Shirley Lillian <LILLIAN.SHIRLEY@dhsosha.state.or.us>; Saxton Lynne <LYNNE.SAXTON@dhsosha.state.or.us>
Cc: BELYEA David <David.BELYEA@state.or.us>; Cowie Robb <ROBB.COWIE@dhsosha.state.or.us>
Subject: RE: Draft statement

Edits from me and Dave Belyea:

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From: Modie Jonathan N [mailto:JONATHAN.N.MODIE@dshs.oregon.gov]
Sent: Thursday, April 06, 2017 6:01 PM
To: Saxton Lynne <LYNNE.SAXTON@dshs.oregon.gov>; Shirley Lillian
<LILLIAN.SHIRLEY@dshs.oregon.gov>; Darby BethAnne
<BETHANNE.DARBY@dshs.oregon.gov>; FELDON Leah
<Leah.FELDON@state.or.us>; Farrer David G
<DAVID.G.FARRER@dshs.oregon.gov>; BENENATI Katherine
<Katherine.BENENATI@state.or.us>; Goldfarb Gabriela
<GABRIELA.G.GOLDFARB@dshs.oregon.gov>; HIGH Jere
<Jere.HIGH@dshs.oregon.gov>
Cc: Cowie Robb <ROBB.COWIE@dshs.oregon.gov>
Subject: RE: Draft statement

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From: Modie Jonathan N
Sent: Thursday, April 06, 2017 6:00 PM
To: Saxton Lynne <LYNNE.SAXTON@dshs.oregon.gov>; Shirley Lillian
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3A_www.oregon.gov/DEQ/pages/index.aspx&d=DwMFAg&c=7gilq_oJKU2hnacFUWFTuYqjMQ111TRstgx6WoATdXo&r=uSrcqmNyYd0nGhrYEVYTo3FFRFP8-HvxTO3cncMRpppbv4-8b0CKgX1GC4LjODbz&m=f11Rq7mqPn_mRr5Gmw17_Hp8IdScs2mYg7hp9Oxcgl&s=GzK4i65PcmdIUavdi4k3uIFGUhMJHatE9eEEGRx_ILw&e=>

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Lead Communications Officer
OREGON HEALTH AUTHORITY
External Relations Division (Public Health)
PHD Communications@state.or.us [mailto:PHD.Communications@state.or.us]
Desk: 971-673-1102
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http://public.health.oregon.gov/&d=DwMFAg&c=7gilq_oJKU2hnacFUWFTuYqjMQ111TRstgx6WoATdXo&r=uSrcqmNyYd0nGhrYEVYTo3FFRFP8-HvxTO3cncMRpppbv4-8b0CKgX1GC4LjODbz&m=f11Rq7mqPn_mRr5Gmw17_Hp8IdScs2mYg7hp9Oxcgl&s=M6ZLrYBCJCPsXQ0vr2IbV6S92NCu7onWXbg54v9z7Vg&e=>

From: Sarah Lynde
To: FELDON Leah
Cc: BENENATI Katherine, FARRER DAVID G, GOLDFARB Gabriela, HIGH Jere, KROME JONATHAN N, BENENATI Katherine, FELDON Leah, SHIRLEY LILLIAN, SEXTON LYNNE
Date: Thursday, April 06, 2017, 10:41:19 PM

Excellent. Good to go.

Sent from my iPad

On Apr 6, 2017, at 9:07 PM, FELDON Leah <leah.feldon@state.or.us> wrote:

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From: BENENATI Katherine [katherine.benenati@state.or.us]

Sent: Thursday, April 06, 2017 6:44 PM

To: DARBY BETHANNE, FARRER DAVID G, GOLDFARB Gabriela, HIGH Jere, KROME JONATHAN N, BENENATI Katherine, FELDON Leah, SHIRLEY LILLIAN, SEXTON LYNNE

Cc: BELVEA David, COWIE ROBB

Subject: RE: Draft statement

Looks good to me and U. Helen. Thanks.

U.

Sent from my Verizon Wireless 4G LTE smartphone

Original message

From: Modie Jonathan N <JONATHAN.N.MODIE@ohha.state.or.us>

Date: 4/6/17 6:40 PM (GMT-08:00)

To: BENENATI Katherine <Katherine.BENENATI@state.or.us>, Darby Beth Anne <BETHANNE.DARBY@ohha.state.or.us>, Farrer David G <DAVID.G.FARRER@ohha.state.or.us>, Goldfarb Gabriela <GABRIELA.G.GOLDFARB@ohha.state.or.us>, HIGH Jere <Jere.HIGH@ohha.state.or.us>, BENENATI Katherine <Katherine.BENENATI@state.or.us>, FELDON Leah <Leah.FELDON@state.or.us>, Shirley Lillian <LILLIAN.SHIRLEY@ohha.state.or.us>, SEXTON LYNNE <LYNNE.SEXTON@ohha.state.or.us>, Goldfarb Gabriela <GABRIELA.G.GOLDFARB@ohha.state.or.us>, HIGH Jere <Jere.HIGH@ohha.state.or.us>

Cc: BELVEA David <David.BELVEA@state.or.us>, Cowie Robb <ROBB.COWIE@ohha.state.or.us>

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Sent: Thursday, April 06, 2017 6:21 PM

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Cc: BELVEA David <David.BELVEA@state.or.us>, Cowie Robb <ROBB.COWIE@ohha.state.or.us>

Subject: RE: Draft statement

Edits from me and Dave Helms

D.

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From: Modie Jonathan N [JONATHAN.N.MODIE@ohha.state.or.us]

Sent: Thursday, April 06, 2017 6:01 PM

To: SEXTON LYNNE <LYNNE.SEXTON@ohha.state.or.us>, SHIRLEY LILLIAN <LILLIAN.SHIRLEY@ohha.state.or.us>, SHIRLEY LILLIAN <LILLIAN.SHIRLEY@ohha.state.or.us>, DARBY BETHANNE <BETHANNE.DARBY@ohha.state.or.us>, FARRER DAVID G <DAVID.G.FARRER@ohha.state.or.us>, FELDON Leah <Leah.FELDON@state.or.us>, FARRER DAVID G <DAVID.G.FARRER@ohha.state.or.us>, BENENATI Katherine <Katherine.BENENATI@state.or.us>, GOLDFARB GABRIELA <GABRIELA.G.GOLDFARB@ohha.state.or.us>, HIGH Jere <Jere.HIGH@ohha.state.or.us>, MODIE JONATHAN N <JONATHAN.N.MODIE@ohha.state.or.us>

Cc: Cowie Robb <ROBB.COWIE@ohha.state.or.us>, MODIE JONATHAN N <JONATHAN.N.MODIE@ohha.state.or.us>

Subject: RE: Draft statement

Oops! Left off Jere and Gabriela

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Sent: Thursday, April 06, 2017 6:00 PM

To: SEXTON LYNNE <LYNNE.SEXTON@ohha.state.or.us>, SHIRLEY LILLIAN <LILLIAN.SHIRLEY@ohha.state.or.us>, SHIRLEY LILLIAN <LILLIAN.SHIRLEY@ohha.state.or.us>, DARBY BETHANNE <BETHANNE.DARBY@ohha.state.or.us>, FARRER DAVID G <DAVID.G.FARRER@ohha.state.or.us>, FELDON Leah <Leah.FELDON@state.or.us>, FARRER DAVID G <DAVID.G.FARRER@ohha.state.or.us>, BENENATI Katherine <Katherine.BENENATI@state.or.us>, GOLDFARB GABRIELA <GABRIELA.G.GOLDFARB@ohha.state.or.us>, HIGH Jere <Jere.HIGH@ohha.state.or.us>, MODIE JONATHAN N <JONATHAN.N.MODIE@ohha.state.or.us>

Cc: Cowie Robb <ROBB.COWIE@ohha.state.or.us>, MODIE JONATHAN N <JONATHAN.N.MODIE@ohha.state.or.us>

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Jonathan Modie

Lead Communications Officer

OREGON HEALTH AUTHORITY

External Relations Division (Public Health)

PHD.Communications@state.or.us | modie.j@ohha.state.or.us

Desk: 971-675-1112

Cell: 971-246-0139

https://odeq.defense.proofpoint.com/v2url?u=http://www.oregon.gov/DEQ/pages/index.aspx&d=DwMFAg&c=7gqk_oJKU2hmacFUFWFYqj8Q11TRtg6W0At4Xo&r_uScap8Y6dn0hrYEVYto3FFRFP8-HxT03ncMBppb4-8McKqXIGC4IjODbz&m_BIRa7mQpA_mRz5Gms7_Hp8IdSc2mYg7p90x&g&s_G&k465Pcmd1Tavd4KclGUBhBHaF9eEORx_HLw&c

From: HOCKADAY Bryan *GOV*
To: SAR, Chris *GOV*
Subject: FW: Draft statement
Date: April 07, 2017 9:11:06 AM

FYI

Bryan Hockaday
Press Secretary
Office of Governor Kate Brown
503-530-7836

On 4/7/17, 8:18 AM, "WHITMAN Richard" <richard.whitman@state.or.us> wrote:

I am good as well. However, want to clarify whether we are contemplating this as a media release, or as a statement in the event we are contacted by media. Thanks.

Richard

From: Saxton Lyne [LYNNE.SAXTON@dsba.state.or.us]
Sent: Thursday, April 06, 2017 10:40 PM
To: FELDON Leah
Cc: BENENATI Katherine, Darby Beth Anne, Farrer David G., Goldfarb Gabriela, HIGH Jere, Modie Jonathan N, Shirley Lillian, HOCKADAY Bryan *GOV*, BELVEA David, WHITMAN Richard, Cowie Robb
Subject: RE: Draft statement

Excellent. Good to go.

Sent from my iPad

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Sent: Thursday, April 06, 2017 6:44 PM
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Entek officials are providing information to state regulators to help them with their review of the modeling data. The Oregon Department of Environmental Quality (DEQ) and the Oregon Health Authority (OHA) will share any information about air monitoring plans and post air quality data - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - <https://state.oregon.gov/DEQ/pages/index.aspx&id=2&mf=Ag&lc=7&pk=0&K2=macFURWFTYqMQI11TRzq6NAtXcokr> - 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>> Jonathan Modie

>> Lead Communications Officer

>> OREGON HEALTH AUTHORITY

>> External Relations Division (Public Health)

>> JMO, Communications@ohah.org or www.ohah.org/communications

>> Desk: 971-673-1102

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>> https://us1defense-prod.spoint.com/v2/nd/0_3http:3A_public.health.oregon.gov_&d_Dwff-g&e_7g1q_0RkU2haacFUWFTuYqMj111F8tpx6WoaTJNo&r_vCz3UoWKqnyFAMH0966F21nc4b32AahGLonRupAk.m_1t5HMFe0H0fbQ5417eRvHqPhW0EsS1nc8ScRL1S8Qs&a_Nd2N0ay0CF6cbGckPDeaKHMV0g5G_zVAbqk0bn6k&e

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From: [MIKALONIS Jackie * GOV](#)
To: [LEWIS-BERRY Jason * GOV](#); [AUNAN Lauri * GOV](#)
Subject: ENTEK Emissions
Date: Friday, April 07, 2017 11:25:07 AM

Just an FYI –

In case you hear about it in the media this weekend:

ENTEK of Lebanon manufactures and sells lead-acid separators, lithium-ion separators, extruders, etc. Mary Camarata filled me in this morning that DEQ has detected high levels of TCE, tetra chloro ethylene emissions. She believes media knows and that we'll be hearing about it soon. DEQ is working with the company.

Jackie Mikalonis

South Valley/Mid-Coast Regional Solutions Coordinator
Office of Governor Kate Brown
503-881-6871 (*mobile*)

1715 Franklin Blvd
Eugene, OR 97403-1983 jackie.mikalonis@oregon.gov www.regionalsolutions.oregon.gov

From: AUNAN Lauri * GOV
To: MIKALONIS Jackie * GOV; LEWIS-BERRY Jason * GOV; MINER Jason * GOV
Subject: RE: ENTEK Emissions
Date: Friday, April 07, 2017 11:37:48 AM

Thanks – looping in Jason M

Lauri Aunan
Policy Advisor
Governor's Natural Resources Office
503-373-1680
503-400-5426 (cell)
Lauri.aunan@oregon.gov

From: MIKALONIS Jackie * GOV
Sent: Friday, April 07, 2017 11:25 AM
To: LEWIS-BERRY Jason * GOV <Jason.LEWIS-BERRY@oregon.gov>; AUNAN Lauri * GOV <Lauri.AUNAN@oregon.gov>
Subject: ENTEK Emissions

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From: [MIKALONIS Jackie * GOV](#)
To: [AUNAN Lauri * GOV](#); [LEWIS-BERRY Jason * GOV](#); [MINER Jason * GOV](#)
Subject: RE: ENTEK Emissions
Date: Friday, April 07, 2017 11:51:29 AM

Thanks.

Jackie Mikalonis

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From: AUNAN Lauri * GOV
Sent: Friday, April 07, 2017 11:38 AM
To: MIKALONIS Jackie * GOV <Jackie.MIKALONIS@oregon.gov>; LEWIS-BERRY Jason * GOV <Jason.LEWIS-BERRY@oregon.gov>; MINER Jason * GOV <Jason.MINER@oregon.gov>
Subject: RE: ENTEK Emissions

Thanks – looping in Jason M

Lauri Aunan
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503-400-5426 (cell)
Lauri.aunan@oregon.gov

From: MIKALONIS Jackie * GOV
Sent: Friday, April 07, 2017 11:25 AM
To: LEWIS-BERRY Jason * GOV <Jason.LEWIS-BERRY@oregon.gov>; AUNAN Lauri * GOV <Lauri.AUNAN@oregon.gov>
Subject: ENTEK Emissions

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From: FLYNT Jennifer
To: HOCKADAY Bryan * GOV
Subject: FW: Media Contact: Entek and records request
Date: Monday, April 10, 2017 5:08:42 PM

Date and Time Contacted: 4/10/17

Publication/Station: The Oregonian

Reporter's Name and Phone Number: Rob Davis, 503.294.7657

Topic Discussed:

Rob Davis sent the following email:

"Richard, Jennifer — writing on deadline about the injunction vs DEQ on the Entek case in Linn County. Wanted to give you all a chance to weigh in if you want to. Also want to be sure that the injunction is still in place and that the court took no action in the hearing that was scheduled this a.m. Please let me know soonest — thanks."

He wrote back and said he got what he needed and did not need to talk to us. We aren't able to speak about this matter right now.

He contacted OHA as well.

Via OHA, Rob Davis requested a log of all public records **requests received by OHA or the Cleaner Air Oregon program** since 1/1/17. We'll ask Rob to submit the request electronically. We'll likely give him the entire log of requests since 1/1/17.

When I called Rob back about his PRR. He asked me, in general if the agency has ever received a TRO in its history. He didn't specify a company. I told him I've only been here a short time and wasn't aware of a history TROs.

Reporter's Deadline: n/a

From: [Lauri Aunan](#)
To: [AUNAN Lauri * GOV](#)
Date: Monday, April 10, 2017 10:18:23 PM

[Gag order keeps Oregon from telling public about cancer-causing pollutant](#)



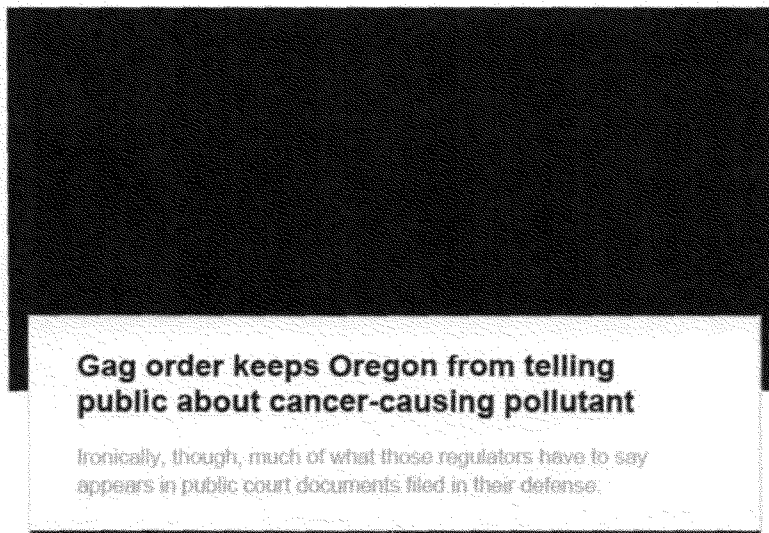
[Sent from Yahoo Mail for iPhone](#)

From: AJUNAN Lauri * GOV
To: MINER Jason * GOV; HOCKADAY Bryan * GOV; BLOSSER Nik * GOV; TRUMMER Ivo * GOV; SINNER Kate * GOV; PAIR Chris * GOV; ZEJDLIK Gina * GOV
Subject: Article
Date: Monday, April 10, 2017 10:21:04 PM

Assume you have seen but if not, forwarding

Lauri Aman
Policy Advisor
Office of Governor Kate Brown
503-373-1680

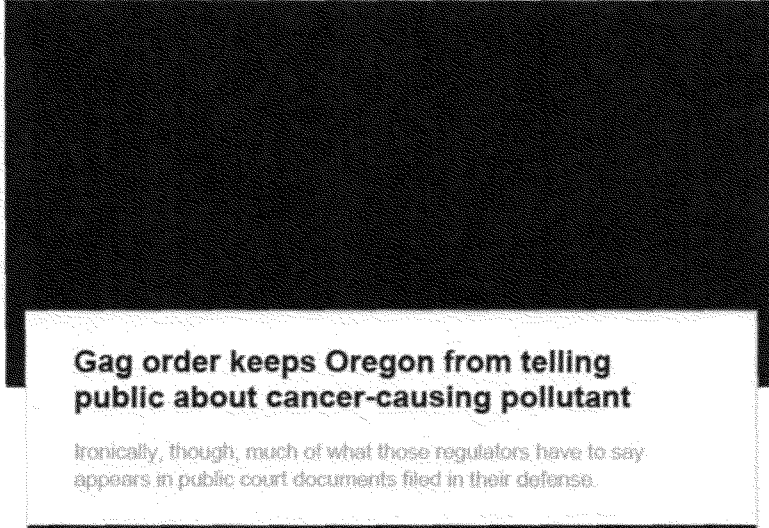
Gag order keeps Oregon from telling public about cancer-causing pollutant



Sent from Yahoo Mail for iPhone

From: [Lauri Aunan](#)
To: [AUNAN Lauri * GOV](#)
Date: Monday, April 10, 2017 10:22:45 PM

[Gag order keeps Oregon from telling public about cancer-causing pollutant](#)



[Sent from Yahoo Mail for iPhone](#)

Kate Brown
Governor



Briefing Memo

Attorney Client privileged and confidential

Subject: Briefing by OHA, DEQ, and OSHA on Lebanon air quality and health risk assessment.

Date: 4/5/17 for 4:00 PM briefing in GCR.

This Memo Prepared By: Jason Miner

Preparer's Cell: 503-580-2228

Copies: GKB, Ben Soude, Elana Pirtle-Guiney, Victoria Demchak, Gina Zejdlik

At 4:00 you will be briefed by DEQ, OHA, and Oregon OSHA on an emerging air quality and health risk. The briefing will include the technical information, a timeline for action, and a public communication/engagement plan.

Tomorrow, on Thursday April 6th DEQ, OHA, and Oregon OSHA will meet with Entek in Lebanon to discuss health risks. Entek's Lebanon facility produces microporous plastic sheets used as lead acid and lithium ion battery separators. The company uses trichloroethylene, commonly called TCE, as a solvent in its manufacturing process. TCE is associated with cancer and non-cancer health effects. Recently, as part of the Cleaner Air Oregon regulatory overhaul, OHA and DEQ reviewed health exposure data and reference guidance for TCE from EPA and ATSDR. As part of this process, the agencies became aware of evolving science related to health effects of TCE exposure – including links to heart malformation in infants.

EPA's preliminary human exposure modeling data indicates Entek's trichloroethylene emissions potentially exceed 12-month health levels for health risk. Based on those findings, DEQ requested refined modeling that shows potential exceedance of short- and long-term risk levels.

OHA works collaboratively with county health departments and briefed Linn County's health department this week. On Monday April 10th, the agencies intend to issue an invitation to a public meeting on April 13th to discuss these risks.

DEQ intends to deploy air monitors to gain actual TCE concentration data and will be briefing the company about the additional air monitors on April 6th. DEQ will determine further steps based on the findings of that analysis.

Though there are presumed and modeled health risks, Entek is currently in compliance with its air permit and it is not currently subject to any National Emission Standard to control trichloroethylene emissions. In addition, Entek is in compliance with Oregon OSHA standards for TCE, which are not aligned with more recent EPA and Agency for Toxic Substances and Disease Registry short-term reference guidance. The company has been working with DEQ and OHA and is voluntarily adding additional emission controls.

The agencies have established the following statement as well as communication goals and strategies.

Agency Statement:

State environmental quality regulators and health experts have been reviewing health risk thresholds for hundreds of air toxics as part of the Cleaner Air Oregon regulatory reform. As part of this process, we reviewed human health data from EPA and computer models of TCE emissions at Entek. The next step is to set up air monitors to gather data from the vicinity of the facility. At this time, we do not know if there are elevated levels of emissions from the facility that would pose risks to people. We look forward to sharing information about monitoring plans and the air quality data we collect. State agencies and local public health officials will announce meetings with community members and Entek employees next week, as soon as logistics are finalized.

Communications Goals:

- **Explain possible health risks:** Inform neighbors, Entek employees, local officials and members of the broader community, including nearby schools and a veterans home, about potential health effects of TCE emissions at Entek.
- **Demonstrate agency actions:** Show how OHA and DEQ are taking action to gather information about possible exposure and reduce any potential risks, within current federal and state rules.
 - **Address concerns about regulatory gaps:** Discuss Cleaner Air Oregon regulatory overhaul in response to questions about gaps in current rules.
- **Build community trust and support through transparency:** Provide transparent, timely and culturally competent information.

Communications Strategies:

- **Direct communication to people most affected:** Communicate directly to employees and neighbors through letters and meetings. Provide information in plain language. Identify and engage non-English speaking communities.
- **Regular reporting/web site:** Establish platform for timely, accurate and reliable information.
- **Leverage earned media to educate public and demonstrate agency action:** Proactively engage local and regional media.
- **Close communication with local elected officials and legislators:** Keep state and local leaders informed at each stage of the process.

Kate Brown
Governor



Briefing Memo

Subject: Lebanon
Date: 4/6/17
This Memo Prepared By: Jason Miner
Preparer's Cell: 503-580-2228
Copies: Ben Soude, Gina Zejdlik

On 4/3/17 DEQ's Deputy Director conveyed a request from the Chair of the Linn County Commission to meet with the Governor and agency directors about an emerging air quality and human health risk assessment issue in Lebanon, OR. The purpose of the meeting request was unclear and in order to better understand the issue, an initial briefing for the Governor's office was scheduled for 4/5/17. My understanding of the purpose of the County Chair's meeting request is as follows.

DEQ, OHA, and OSHA briefed the Governor's office on recent history of modelling and monitoring data associated with a company in Lebanon that uses Trichloroethylene (TCE) in its manufacturing process. The company (Entek) is one of two battery separating companies in the United States.

In January, the DEQ had received from the EPA preliminary modelling information from routinely gathered air quality data that indicated there might be levels of TCE that pose a risk to human health. DEQ conducted refined modelling in February and March that continued to raise concerns about TCE levels. In order to assess the validity of the modelling, DEQ proposed putting air quality monitors in a variety of locations around the facility. DEQ, OHA, and OSHA scheduled a meeting with the company for April 6th in part to discuss this.

On March 31st, OHA met with their local partner, the Linn County health department, to brief them on the issue. The Oregon Health Authority and county health agencies public health partners have an IGA by which public health is delivered locally. It is part of

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standard protocol to engage county health partners when there are health issues in their jurisdiction.

From that briefing, the local health administrator reported the desire to place air monitors to the County Administrator. The County Administrator spoke with the Chair of the Board of Commissioners, and the County Chair made a request through the County Administrator to meet with the Governor and agency directors. The agencies offered to have the Public Health Director and DEQ Deputy Director, who would be meeting with the Company on April 6th, meet with the Board of Commissioners immediately after the meeting with the company, but the County Chair. That offer was declined and the County Chair indicated he wanted to meet with the Governor and agency directors.

The County also conveyed that the Board of Commissioners would meet in executive session on the morning of Thursday April 6th to discuss DEQ, OHA, and ASHA health monitoring. Members of the media are often present in County Commission executive sessions.

In order to be aware of both the meeting request by the Linn County Chair, and in order to be aware of any media arising from the County Commission meeting or the Agency meeting with the Company on April 6th, I felt it was important you have this information.