From: Matsey, Bob C
To: Participate

**Subject:** Burying Electric Lines

Date: Saturday, September 2, 2023 11:02:51 AM

Dear City Council,

It was good to see that a Project is under way to bury the Electric lines coming into town on Hwy 75.

I would like to propose putting a Project on the books for 2024 to Bury the Electric Lines going out Warm Springs Road! This would help:

- 1. Eliminate the Danger of people possibility running into the poles on their bikes ( which has happened to us as a family when multiple bikes are passing and there are walkers on the sidewalk)
- 2. Eliminate the Ugly Power lines all the way down to Warm Spring lift
- 3. Allow for trees and shrubs to grow without having to top them every few years which is a cost to Power Company and Land Owners
- 4. Beautify the area for visitors who rent and stay in the area (I've had many people complain and say they need to come down)

Thank you for putting this on the list of projects. Owner 2716 B Warm Springs Road Robert Matsey

Sent from Mail for Windows

From: <u>Melissa Mollet Binnie</u>

To: <u>Participate</u>

**Subject:** Re: Litter on the bike path

Date: Monday, September 4, 2023 1:25:00 AM

On Tue, Aug 29, 2023, 1:52 PM Melissa Mollet Binnie < mmbinnie@gmail.com > wrote: Dear Ketchum City Council members,

I live in Parkside condominium and there is a lot of trash being throw along the bike path.

Why doesn't Ketchum have more trash cans and recycling bins on the bike path?

I am seeing and picking up more trash than ever before.

Thank you, Melissa Mollet Binnie Parkside resident since 2000 Former KFD member for 28 years





From: <u>James Hungelmann</u>

To: Neil Bradshaw; Jim Slanetz; Courtney Hamilton; Amanda Breen; Michael David; Participate

Subject: Fwd: CLOUD SEEDING COMMITTEE MEETING Sept 6 2023

Date: Monday, September 4, 2023 10:07:05 PM
Attachments: KCC CLOUD SEEDING Jan 16 2023.pdf

#### General Public Comment

Ketchum City Council Meeting Sept 5 2023

Dear Mayor and Councilors:

I submit, as general public comment for tomorrow's KCC meeting, the following materials sent today to the "Cloud Seeding" committee of the state water board, in relation to concerns I and others have raised with you many times, most recently by me by Jan 16th letter to you appearing below.

Please give the courtesy of reply.

Thank you,

Jim

----- Forwarded message -----

De: JAMES HUNGELMANN < iimhungelmann@icloud.com>

Date: lun, 4 sept 2023 a las 21:43

Subject: Idaho State Water Resources Board CLOUD SEEDING

**COMMITTEE MEETING Sept 6 2023** 

To: <idwrinfo@idwr.idaho.gov>

Cc: JAMES HUNGELMANN < iimhungelmann@gmail.com >, < governor@gov.idaho.gov >

Please forward the attached document (full text also appearing below) to committee members and include as public comment accessible to the public on the record of the Water Board and the Sept 8 meeting of this Committee, to be addressed by this committee at that time. I am unable to attend that meeting other than by these written comments.

As you can see, the public health and safety concerns about "cloud seeding" are grave and of a scope far beyond that of the alleged Bear Valley project.

I ask this committee and the Water Board to immediately implement testing throughout the state on the level of contamination existing in all forms of "cloud seeding" long underway in Idaho. By copy of this, I ask Governor Little to ensure this matter gets immediate attention of his administration.

The reply of Ketchum Mayor and City Counci to my request to test contained in that Jan 16 letter? The same as that of Mr Little when repeatedly pressed about this matter previously, in

writing: Abject Silence.

I am happy to address any questions. We look forward to your reply and engagement with the public on this matter.

Sincerely,

James Hungelmann Ketchum

January 16, 2023

Mayor Bradshaw and City Councilors

City of Ketchum Ketchum City Council

Meeting of January 17, 2023

GENERAL PUBLIC COMMENT

Re:

**Health and Safety concern** about Contaminants in Cloud Seeding: Pay for Snow – At what cost?

Dear Mayor and Councilors:

**REQUEST IS HEREBY MADE TO YOU**, in the interest of protecting public health and safety, to test the level of contamination appearing in our snowfall and rains; to evaluate and publicly communicate any risks to health and the environment so indicated; and to force by process of law the shutdown of any cloud seeding activities assessed to be unreasonably dangerous.

### **Background**

How nice it has been to see the snow coming - and coming and coming. A banner year, some say. We have our Pray for Snow parties, but as it turns out, there is no need. We have Pay for Snow - and have had for quite some time, they now say. After many years of silence, distraction, and denial, suddenly the mainstream reporting is telling us all about cloud seeding and how it has been going on for decades, including locally. See, for example, "*Cloud Seeding: Will science be the answer to our snow prayers?*" Sun Valley Magazine (Winter 2022/23).

### What is Cloud Seeding?

Cloud seeding is a weather modification technique that involves introducing chemical substances into clouds to convert a greater percent of the moisture available in clouds into precipitation that reaches the earth's surface. According to the mainstream depiction, cloud seeding involves the release of silver iodide (Agl) vapors into the atmosphere using ground-based propane generators or dropping it from aircraft amid storms. The silver iodide particles serve as a nucleating agent for the formation of ice crystals. Mentioned also by some mainstreamers to be in the chemical mix are potassium iodide, dry ice, and even compressed liquid propane.

# **Pros of Cloud Seeding**

Proponents tout that cloud seeding can increase precipitation and snow falls by up to 15% above what would be available from the normal hydrological cycle, with year-to-year consistency that mitigates increasingly volatile and destructive weather conditions including drought and flood. If true, a consistent 15% increase, without downsides, is an attractive proposition for all parties currently participating in contracted cloud seeding services, including power companies, water boards and districts, agriculturalists, and mountain resorts.

### Cons

Opponents insist that cloud seeding as reported is not only expensive, requiring airplanes and chemical supply, but that much of the scientific literature indicates that it fails to achieve any meaningful increase in precipitation in the short-term and could well be disastrously counterproductive long-term as natural weather is derailed; and further, that silver iodide is a highly toxic substance to which chronic exposure is exceptionally damaging for humans and the environment. They claim that cloud seeding interferes with and sabotages the natural hydrological cycle and alters the amount and distribution of precipitation that falls within a particular region, potentially causing problems such as drought in some areas and flooding in others.

# - Human toxicity

Humans absorb silver iodide through the lungs, nose, skin, and GI tract. Mild exposure can cause GI irritation, renal and pulmonary lesions, and mild argyria (blue or black discoloration of the skin). Severe accumulated exposure can result in hemorrhagic gastroenteritis, shock, enlarged heart, severe argyria, and death by respiratory depression. A key manufacturer of silver iodide for weather modification, Deepwater Chemicals, warns of potential health hazards of silver iodide in its Material Safety Data Sheet as follows:

Chronic Exposure/Target Organs: Chronic ingestion of iodides may produce "iodism", which may be manifested by skin rash, running nose, headache and irritation of the mucous membranes. Weakness, anemia, loss of weight and general depression may also occur. Chronic inhalation or ingestion may cause argyria characterized by bluegray discoloration of the eyes, skin and mucous membranes. Chronic skin contact may cause permanent discoloration of the skin.

#### - Toxicity to Environment including water and food supply

Environmental agencies rate silver iodide as a non-soluble, inorganic, hazardous chemical that accumulates in and pollutes water and soil and all living things. Silver iodide is classified as an "extremely hazardous substance" by the Environmental Protection Agency. Under the guidelines of the Clean Water Act, silver iodide is considered a "priority" toxic pollutant, considered to be particularly harmful to human health and the environment.

In a 1971 "Freezing Nucleation" patent (US3587966A), the ongoing use of silver iodide is explained as follows:

The early great success with silver iodide as a freezing nucleant for clouds led to the supposition that because silver iodide has a crystal structure somewhat similar to ice, its success in freezing nucleation was entirely due to this fact. Some fear has recently been expressed about the toxicity of silver iodide. Accordingly, a search has been made for other crystals which would have similar crystalline form, in the hope that they would prove to be freezing nucleants. Limited success has been made in this direction. (Emphasis added.)

Knowing all this, who wants to take the risk for a possible additional 15% moisture, unless the level of actual contamination can be scientifically shown to be safe?

### The Rest of the Story

Evidence-based forensic analysts challenge the mainstream depiction of cloud seeding, of twin-engine Pipers flying into clouds with silver iodide-releasing flares attached to the wings, as misleading and not the predominant method of cloud seeding. They point out that in recent years our snow has been exhibiting very bizarre characteristics which cannot be explained by the presence of silver iodide alone. These unusual characteristics include: snow being extremely compacted and slick, making it dangerous for walking and driving; people who work or play in it experiencing disorientation, dizziness, and nausea, as well as difficulty breathing; snow sliding off the tops of cars and roofs in sheets, crashing with a metallic sound and impact; snow charring rather than melting when exposed to flame; having a strange chemical odor; coming down in amorphous globs rather than naturally formed, hexagonal shaped flakes; being exceptionally difficult to push around and damaging heavy-duty snow removal equipment; and shrinking and sublimating directly to gas, bypassing the liquid state and often leaving little trace of melted water behind. Lots of snow maybe, but little to show for it. All of this begs the need for close scrutiny: What is in this stuff coming down?

These forensic observers maintain that what is called cloud seeding is only part of large-scale operations designed to modify and control the climate, which involve fleets of jet aircraft specially equipped with aerosol spray nozzles releasing heavy loads of a nanoparticulate mix of aluminum, barium, strontium, polymer fibers, and anti-coagulating surfactants, showing up as massive trails drifting across the skies in waves and especially pronounced in advance of storms. They claim that air, soil and water sampling consistently show dangerously high levels of toxicity in the mix. Some experts also suspect that the aerosols contain hazardous biological materials, such as bacteria, viruses, and other natural or modified microorganisms and possibly even vaccines or other so-called "biological therapeutics".

These same analysts insist that current climate intervention efforts serve to derail atmospheric chemistry and destroy the natural hydrological cycle, which has led to more frequent and more severe weather events like ice storms and flooding. They also maintain that climate intervention is the primary cause of overall climate deterioration today.

To conclude, on multiple occasions in recent years, I and others have urged this Council, on the record, to *Strip Search the Elephant in the Sky*, to investigate the visible geoengineering activities taking place that most people are hesitant or afraid to talk about. Regrettably, the Council's reply has been silence, denial, and even ridicule. This aligns with the ominous observation that "the most grossly obvious facts can be ignored when they are unwelcome."

#### A Call to Action

I respectfully submit that, given the serious threat represented by "cloud seeding" activities as are now being publicly acknowledged, it is legally and ethically incumbent on the City of Ketchum, with neighboring municipalities, to implement periodic professional testing of toxicities in our snow and rain and to take appropriate action to protect public health, safety and the environment. This is not a costly proposition and by so doing, the Council would be setting an example for future generations on the importance of facing our most significant challenges head-on.

Thank you for taking the time to consider and respond to this matter.

Jim Hungelmann

Ketchum

From: Kerrin McCall
To: Ananda Kriya

Cc: James Hungelmann; Tyler Stagg; Allison Goodwin; Participate

Subject: Idaho Water Resources Board meeting on CLOUD SEEDING

Date: Monday, September 4, 2023 7:47:51 PM
Attachments: Weather-Modification-in-IDAHO.png



# It's not a conspiracy - it's been happening in Idaho for years!

The Idaho Water Resource Board has a crucial public meeting lined up about Weather Modification - specifically CLOUD SEEDING and we want you to be part of it.

Mark your calendars for Wednesday, September 6th at 1:00 PM MT.

This meeting will be focused on a new location for "Cloud Seeding," a topic that impacts our environment and water resources. Your participation is vital, as it's an opportunity to get informed and become informed at what they spray in our skies (that rains down on our children, animals and food)

In 2015, Idaho Power shared about Cloud Seeding projects in the state. <u>Check out Miste's video here.</u>

Before the meeting, get up to date on <u>Idaho cloud seeding.</u>

Zoom Meeting Link: Click here to join

From: Ananda Kriya
To: James Hungelmann

Cc: Neil Bradshaw; Jim Slanetz; Courtney Hamilton; Amanda Breen; Michael David; Participate

Subject: Re: CLOUD SEEDING COMMITTEE MEETING Sept 6 2023

Date: Monday, September 4, 2023 10:53:36 PM

Mid valley snow samples collected last winter and tested by Fremont Labs, Seattle, read 4 times EPA toxicity level for aluminum. Barium was also detected. Rainwater collected about two weeks ago has been sent for testing by Fremont Labs.

On Mon, Sep 4, 2023 at 10:06 PM James Hungelmann < jim.hungelmann@gmail.com > wrote: General Public Comment

Ketchum City Council Meeting Sept 5 2023

Dear Mayor and Councilors:

I submit, as general public comment for tomorrow's KCC meeting, the following materials sent today to the "Cloud Seeding" committee of the state water board, in relation to concerns I and others have raised with you many times, most recently by me by Jan 16th letter to you appearing below.

Please give the courtesy of reply.

Thank you,

Jim

----- Forwarded message -----

De: JAMES HUNGELMANN < jimhungelmann@icloud.com>

Date: lun, 4 sept 2023 a las 21:43

Subject: Idaho State Water Resources Board CLOUD SEEDING COMMITTEE MEETING Sept 6 2023

To: <idwrinfo@idwr.idaho.gov>

Cc: JAMES HUNGELMANN < imhungelmann@gmail.com >, < governor@gov.idaho.gov >

Please forward the attached document (full text also appearing below) to committee members and include as public comment accessible to the public on the record of the Water Board and the Sept 8 meeting of this Committee, to be addressed by this committee at that time. I am unable to attend that meeting other than by these written comments.

As you can see, the public health and safety concerns about "cloud seeding" are grave and of a scope far beyond that of the alleged Bear Valley project.

From: Allison Goodwin
To: James Hungelmann

Cc: Neil Bradshaw; Jim Slanetz; Courtney Hamilton; Amanda Breen; Michael David; Participate

Subject: Re: CLOUD SEEDING COMMITTEE MEETING Sept 6 2023

Date: Tuesday, September 5, 2023 10:03:53 AM

Thanks Jim,

You are spot on.

Silver Iodide (and other toxic particulates) do not belong in our Water Supplies, soils and air.

Time for Humanity to wake up to the evil behind this "Science"

Thank you again,

Allison

On Mon, Sep 4, 2023 at 10:06 PM James Hungelmann < jim.hungelmann@gmail.com > wrote: General Public Comment

Ketchum City Council Meeting Sept 5 2023

Dear Mayor and Councilors:

I submit, as general public comment for tomorrow's KCC meeting, the following materials sent today to the "Cloud Seeding" committee of the state water board, in relation to concerns I and others have raised with you many times, most recently by me by Jan 16th letter to you appearing below.

Please give the courtesy of reply.

Thank you,

Jim

----- Forwarded message -----

De: JAMES HUNGELMANN < imhungelmann@icloud.com>

Date: lun, 4 sept 2023 a las 21:43

Subject: Idaho State Water Resources Board CLOUD SEEDING COMMITTEE MEETING Sept 6 2023

To: <idwrinfo@idwr.idaho.gov>

Cc: JAMES HUNGELMANN < imhungelmann@gmail.com>, < governor@gov.idaho.gov>

Please forward the attached document (full text also appearing below) to committee members and include as public comment accessible to the public on the record of the Water Board and the Sept 8 meeting of this Committee, to be addressed by this committee at that time. I am unable to attend that meeting other than by these written comments.

As you can see, the public health and safety concerns about "cloud seeding" are grave and of a scope far beyond that of the alleged Bear Valley project.

I ask this committee and the Water Board to immediately implement testing throughout the state on the level of contamination existing in all forms of "cloud seeding" long underway in Idaho. By copy of this, I ask Governor Little to ensure this matter gets immediate attention of his administration.
The reply of Ketchum Mayor and City Counci to my request to test contained in that Jan 16 letter? The same as that of Mr Little when repeatedly pressed about this matter previously, in writing: Abject Silence.
I am happy to address any questions. We look forward to your reply and engagement with the public on this matter.
Sincerely,
James Hungelmann Ketchum
January 16, 2023
Mayor Bradshaw and City Councilors
City of Ketchum Ketchum City Council
Meeting of January 17, 2023
GENERAL PUBLIC COMMENT
Re:
Health and Safety concern about Contaminants in Cloud Seeding:
Pay for Snow – At what cost?
Dear Mayor and Councilors:

**REQUEST IS HEREBY MADE TO YOU**, in the interest of protecting public health and safety, to test the level of contamination appearing in our snowfall and rains; to evaluate and publicly communicate any risks to health and the environment so indicated; and to force by process of law the shutdown of any cloud seeding activities assessed to be unreasonably dangerous.

### **Background**

How nice it has been to see the snow coming - and coming and coming. A banner year, some say. We have our Pray for Snow parties, but as it turns out, there is no need. We have Pay for Snow - and have had for quite some time, they now say. After many years of silence, distraction, and denial, suddenly the mainstream reporting is telling us all about cloud seeding and how it has been going on for decades, including locally. See, for example, "Cloud Seeding: Will science be the answer to our snow prayers?" Sun Valley Magazine (Winter 2022/23).

## What is Cloud Seeding?

Cloud seeding is a weather modification technique that involves introducing chemical substances into clouds to convert a greater percent of the moisture available in clouds into precipitation that reaches the earth's surface. According to the mainstream depiction, cloud seeding involves the release of silver iodide (Agl) vapors into the atmosphere using ground-based propane generators or dropping it from aircraft amid storms. The silver iodide particles serve as a nucleating agent for the formation of ice crystals. Mentioned also by some mainstreamers to be in the chemical mix are potassium iodide, dry ice, and even compressed liquid propane.

# **Pros of Cloud Seeding**

Proponents tout that cloud seeding can increase precipitation and snow falls by up to 15% above what would be available from the normal hydrological cycle, with year-to-year consistency that mitigates increasingly volatile and destructive weather conditions including

drought and flood. If true, a consistent 15% increase, without downsides, is an attractive proposition for all parties currently participating in contracted cloud seeding services, including power companies, water boards and districts, agriculturalists, and mountain resorts.

#### Cons

Opponents insist that cloud seeding as reported is not only expensive, requiring airplanes and chemical supply, but that much of the scientific literature indicates that it fails to achieve any meaningful increase in precipitation in the short-term and could well be disastrously counterproductive long-term as natural weather is derailed; and further, that silver iodide is a highly toxic substance to which chronic exposure is exceptionally damaging for humans and the environment. They claim that cloud seeding interferes with and sabotages the natural hydrological cycle and alters the amount and distribution of precipitation that falls within a particular region, potentially causing problems such as drought in some areas and flooding in others.

### - Human toxicity

Humans absorb silver iodide through the lungs, nose, skin, and GI tract. Mild exposure can cause GI irritation, renal and pulmonary lesions, and mild argyria (blue or black discoloration of the skin). Severe accumulated exposure can result in hemorrhagic gastroenteritis, shock, enlarged heart, severe argyria, and death by respiratory depression. A key manufacturer of silver iodide for weather modification, Deepwater Chemicals, warns of potential health hazards of silver iodide in its Material Safety Data Sheet as follows:

Chronic Exposure/Target Organs: Chronic ingestion of iodides may produce "iodism", which may be manifested by skin rash, running nose, headache and irritation of the mucous membranes. Weakness, anemia, loss of weight and general depression may also occur. Chronic inhalation or ingestion may cause argyria characterized by blue-gray discoloration of the eyes, skin and mucous membranes. Chronic skin contact may cause permanent discoloration of the skin.

#### - Toxicity to Environment including water and food supply

Environmental agencies rate silver iodide as a non-soluble, inorganic, hazardous chemical

that accumulates in and pollutes water and soil and all living things. Silver iodide is classified as an "extremely hazardous substance" by the Environmental Protection Agency. Under the guidelines of the Clean Water Act, silver iodide is considered a "priority" toxic pollutant, considered to be particularly harmful to human health and the environment.

In a 1971 "Freezing Nucleation" patent (US3587966A), the ongoing use of silver iodide is explained as follows:

The early great success with silver iodide as a freezing nucleant for clouds led to the supposition that because silver iodide has a crystal structure somewhat similar to ice, its success in freezing nucleation was entirely due to this fact. Some fear has recently been expressed about the toxicity of silver iodide. Accordingly, a search has been made for other crystals which would have similar crystalline form, in the hope that they would prove to be freezing nucleants. Limited success has been made in this direction. (Emphasis added.)

Knowing all this, who wants to take the risk for a possible additional 15% moisture, unless the level of actual contamination can be scientifically shown to be safe?

# The Rest of the Story

Evidence-based forensic analysts challenge the mainstream depiction of cloud seeding, of twin-engine Pipers flying into clouds with silver iodide-releasing flares attached to the wings, as misleading and not the predominant method of cloud seeding. They point out that in recent years our snow has been exhibiting very bizarre characteristics which cannot be explained by the presence of silver iodide alone. These unusual characteristics include: snow being extremely compacted and slick, making it dangerous for walking and driving; people who work or play in it experiencing disorientation, dizziness, and nausea, as well as difficulty breathing; snow sliding off the tops of cars and roofs in sheets, crashing with a metallic sound and impact; snow charring rather than melting when exposed to flame; having a strange chemical odor; coming down in amorphous globs rather than naturally formed, hexagonal shaped flakes; being exceptionally difficult to push around and damaging heavy-duty snow removal equipment; and shrinking and sublimating directly to gas, bypassing the liquid state and often leaving little trace of melted water behind. Lots of snow maybe, but little to show for it. All of this begs the need for close scrutiny: What is in this stuff coming down?

These forensic observers maintain that what is called cloud seeding is only part of large-

scale operations designed to modify and control the climate, which involve fleets of jet aircraft specially equipped with aerosol spray nozzles releasing heavy loads of a nanoparticulate mix of aluminum, barium, strontium, polymer fibers, and anti-coagulating surfactants, showing up as massive trails drifting across the skies in waves and especially pronounced in advance of storms. They claim that air, soil and water sampling consistently show dangerously high levels of toxicity in the mix. Some experts also suspect that the aerosols contain hazardous biological materials, such as bacteria, viruses, and other natural or modified microorganisms and possibly even vaccines or other so-called "biological therapeutics".

These same analysts insist that current climate intervention efforts serve to derail atmospheric chemistry and destroy the natural hydrological cycle, which has led to more frequent and more severe weather events like ice storms and flooding. They also maintain that climate intervention is the primary cause of overall climate deterioration today.

To conclude, on multiple occasions in recent years, I and others have urged this Council, on the record, to *Strip Search the Elephant in the Sky*, to investigate the visible geoengineering activities taking place that most people are hesitant or afraid to talk about. Regrettably, the Council's reply has been silence, denial, and even ridicule. This aligns with the ominous observation that "the most grossly obvious facts can be ignored when they are unwelcome."

#### A Call to Action

I respectfully submit that, given the serious threat represented by "cloud seeding" activities as are now being publicly acknowledged, it is legally and ethically incumbent on the City of Ketchum, with neighboring municipalities, to implement periodic professional testing of toxicities in our snow and rain and to take appropriate action to protect public health, safety and the environment. This is not a costly proposition and by so doing, the Council would be setting an example for future generations on the importance of facing our most significant challenges head-on.

Thank you for taking the time to consider and respond to this matter.

Jim Hungelmann

Ketchum

--

Allison Goodwin 775.781.1837