

-----Original Message-----

From: Pennanen, Anne-Maria (ENE) [mailto:Anne-Maria.Pennanen@ontario.ca]

Sent: Tuesday, January 20, 2009 11:56 AM

To: Phillips, Lloyd ENV:EX

Subject: RE: GVRD ("Metro Vancouver") incinerator requirements

Hi Lloyd,

The Solid Waste Management Plan refers to "Burnaby Incinerator - Review of Emission Criteria", dated June 3, 1994. I am wondering if this document might also be available? Thanks

Anne-Maria

Anne-Maria Pennanen, P.Eng.

Source Control Engineer - Air Pollution

Technology Standards Section

Standards Development Branch

Ontario Ministry of the Environment

40 St. Clair Avenue West, 7th Floor

Toronto, Ontario

M4V 1M2

Tel: 416-212-1521

Fax: 416-327-9187

Anne-Maria.Pennanen@ontario.ca

From: Dave Forgie [mailto:forgied@ae.ca]
Sent: Tuesday, January 26, 2010 3:29 PM
To: Phillips, Lloyd ENV:EX
Subject: Permit Requirements for a Metro Vancouver Waste Wood Gasifier

Mr. Phillips: Further to my phone messages, we are working on a project for Metro Vancouver in which the desired end product is dried biosolids that they would potentially sell to the cement industry as a coal replacement. To dry the biosolids, Metro Vancouver would like to use some of the construction and demolition waste wood as feed stock into a gasifier. The syngas from the gasifier would be put through a thermal oxidizer and the heat from that would heat a thermal oil that would be used to indirectly dry the dewatered biosolids from the Annacis Island treatment plant.

What we need to know is what the permit requirements would be, i.e. who is the correct agency to deal with (we presume Metro Vancouver cannot regulate themselves) and what emissions standards would have to be met.

Any guidance you can provide will be appreciated.

Dave F.

David J.L. Forgie, Ph.D., P.Eng.
Senior Environmental Engineer
Associated Engineering BC Ltd.
300-4940 Canada Way
Burnaby, BC
CANADA V5G 4M5
phone: 604-293-1411
fax: 604-291-6163
email: forgied@ae.ca

From: Pennanen, Anne-Maria (ENE) [mailto:Anne-Maria.Pennanen@ontario.ca]
Sent: Tuesday, March 23, 2010 9:29 AM
To: Phillips, Lloyd ENV:EX
Subject: RE: GVRD ("Metro Vancouver") incinerator requirements

Hello,

We are currently finalizing our updated guidance for municipal waste thermal treatment facilities and I thought I should touch base to see how BC may have progressed in this regard. I believe a new set of requirements was being planned so if you are able to share any developments with me, it would be much appreciated.

Thank you

Anne-Maria

Anne-Maria Pennanen, P.Eng.
Source Control Engineer - Air Pollution
Technology Standards Section
Standards Development Branch
Ontario Ministry of the Environment
40 St. Clair Avenue West, 7th Floor
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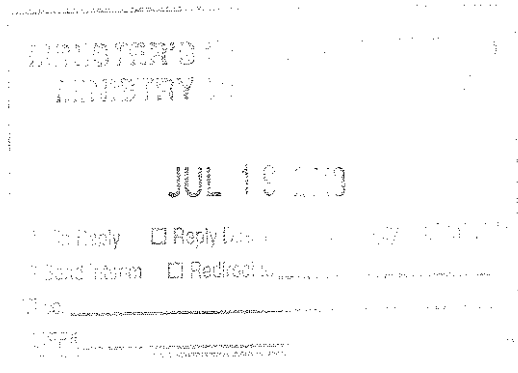
localmla

From: s.22
Sent: June-16-10 8:20 PM
To: localmla@uniserve.com
Subject: Metro Vancouver garbage burning

Hello Barry,
As I hear more and more about Vancouver's intent to burn their garbage, I become more and more concerned since I don't seem to hear any assurance from our environmental ministry that this is not going to happen. You have been a champion fighter in the 90's to keep our air shed clean and I like to think that your interest in the quality of life and air in the Fraser Valley has not changed. I realize the issues are complex but burning garbage can not be an option.
s.22 here in Chwk, we are no longer permitted to burn our yard waste such as dead branches from windfall, pruning's or leaves except in March and April due to the poor air quality index in the warmer month. We are already experiencing Vancouver smog. Why then should we have to live with the additional smog from the Van Garbage incinerator. I trust that an other solution will be encouraged and found.

Respectfully,

s.22

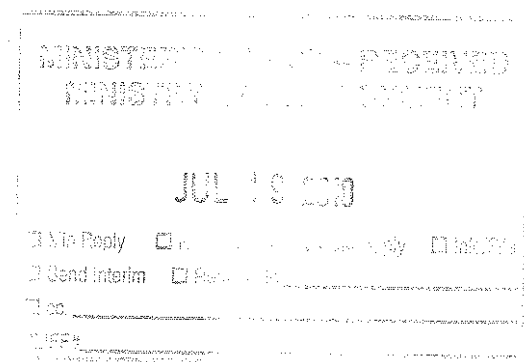


localmla

128342

From: s.22
Sent: June-13-10 7:46 AM
To: localmla@uniserve.com
Subject: incineration

hello mr penner, i am writing in opposition to the metros plan to burn garbage maybe technology has advanced in this area but something has to be omitted at the end, and we all know were this toxins will go.vancouver has no concerns as the winds will blow the pollutants up this way.se2 was a big relief for all when it was rejected,lets hope this idea goes the same way.and as a side note is there anything you and the government can do to pressure companys on the way products are packaged.thank you s.22



From: s.22
Sent: June-14-10 8:18 PM
To: localmla@uniserve.com
Subject: Incineration of garbage in Vancouver

To whom it may concern,

I would like to make my opposition known to the proposition of incinerating the garbage of Vancouver. We in the Fraser Valley would be the sad recipients of any and all air pollution generated by such a plan. The valley's air shed is already compromised by all the existing pollution from Vancouver's traffic and industry, to add any more is unacceptable. This stupidity would also affect all crops that are grown in this area and livestock raised here. Again unacceptable.

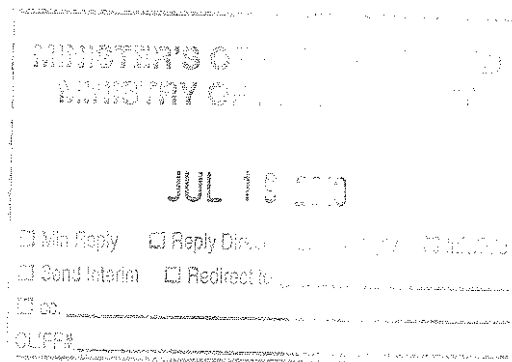
If it is still technologically impossible to capture carbon emissions from existing energy producing sources. How can anyone say that they can capture all toxins and pollutants from this incinerator? Is there anything more toxic to burn than what we put in our landfills?

As our province is trying to show itself as a progressive leader in the environmental movement this incineration proposal is such an enormous error in thinking as to be lamentable.

Please do not allow this!

s.22

Chilliwack, B.C.



From: s.22
Sent: June-15-10 5:35 PM
To: localmla@uniserve.com
Subject: Metro Vancouver's plans to build a waste-to-energy incinerator.

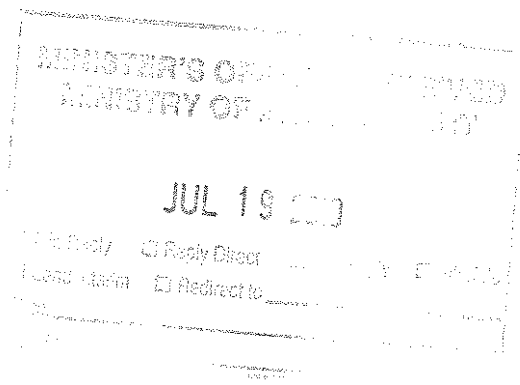
Dear Barry Penner,

I am opposed to the building of a waste incinerator in the Fraser Valley.

My overwhelming concern are the airborne pollutants, such as PCB among one of the many cancerous pollutants, that will surely be released from such an enterprise. Of course proponents to such an enterprise will state most strongly, as expected, that the release of pollutants will be far below that which is proven to, or may, cause harm to human health. In response I have this to say "any and all release of any pollutants into our air shed is unacceptable and that future accidents can only be denied but accidents, release of pollutants far in excess of safe limits, are sure to occur".

It is with the above in mind that I for one hope that you Barry, stand with me.

Respectfully, s.22



From: s.22
Sent: June-16-10 2:12 AM
To: localmla@uniserve.com
Subject: breathless

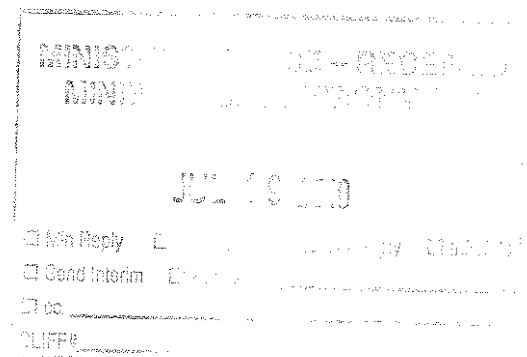
Hello Mr. Penner

I am writing to inform you that I am quite upset about the proposed garbage incinerator coming to Chilliwack. I am fearful of the detrimental environmental and health effects that such a facility will have on our community. Also, what benefit will this be to the residents of Chilliwack? I don't see how this will bring more business here. If anything, it will likely drive people out of town. I moved out here from s.22 and notice every summer how hazy Chilliwack is becoming. We already deal with so much air pollution being blown into our Valley. Why should we now be faced with even more pollution that will occur from having an incinerator put into our town. This town is finally starting to feel like home to my husband and I. When we first moved out here, we were pretty taken aback by the very visible drug and crime problems and certainly by the haze looming over the area. The drug/crime issues seemingly have got worse, do we really have to also deal with worse air quality too and the subsequent health issues associated with such poor air quality? We have started to look beyond the crime etc that occurs here and see the beauty in the natural surroundings. Chilliwack really is an outdoor oasis with numerous beautiful mountain and river views. I hope that the beauty that we finally have been able to start appreciating isn't ruined by further smog. You have a pivotal role in preventing this from happening. I imagine that you don't want your legacy as a representative to have a dark haze over it that clouds the other things you have done. I beg you to please ensure that this incinerator does not come to this town. We have finally bought a place out here and can picture raising a family and living here the rest of our lives. However, we might have to change our minds if our health and the health of our future children is going to be affected.

People come here from all over the world to go fishing and enjoy the natural surroundings. What would motivate anyone to visit Chilliwack, B.C. if it had a huge garbage incinerator looming in the distance pumping toxins into our community? Our key attraction to tourists is fishing and scenery. Please don't let Chilliwack become a hole in the wall town that nobody wants to visit. Chilliwack already has enough problems; please don't allow this garbage to add to it. Give us a chance!

Thank you,

s.22



localmla

128349

From: s.22
Sent: June-16-10 11:05 AM
To: John Les
Cc: Barry Penner
Subject: Waste Management Ideas for Metro Vancouver

Sirs,

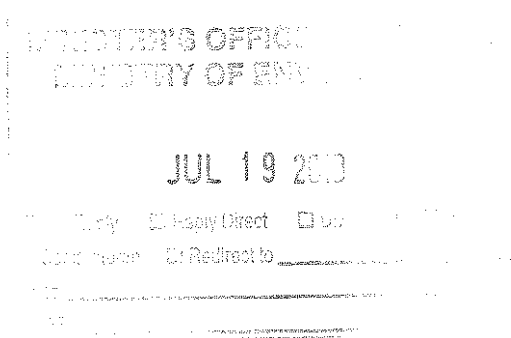
In response to the request for submissions regarding the disposal of solid waste for Metro Vancouver I wish to propose an idea suggested by a friend of mine, s.22 which I thought was a great idea.

The suggestion is to bale the garbage and place it in the empty Coal Train Cars to be deposited in the depleted Coal pits. This would also create a return payload for the railway company. I think this would be much better than the deposit of garbage in Cache Creek, as is being done now, unless there is a greater enviromental issue created.

I would appreciate a reply to this suggestion.

Thank you,

s.22



From: Demarcke, Janet [mailto:demarcke@chilliwack.com]
Sent: Thursday, June 17, 2010 9:30 AM
To: Phillips, Lloyd ENV:EX
Subject: BURNABY INCINERATOR - monitoring data

Hi Lloyd

Can you send me the monitoring data for the last two years from the Burnaby incinerator 's air permit – I would appreciate it.

Can you also tell me whether Metro has air permit at all of the point source in Metro – specially do they require monitoring from their end of the stack industries and do they have limits?

Janet DeMarcke, BSc Hons, MSc
Manager of Environmental Services
City of Chilliwack
8550 Young Road, Chilliwack, BC V2P 8A4
Ph. (604) 793-2958
Fax (604) 795-8443

Web site: www.chilliwack.com
Email: demarcke@chilliwack.com



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From: s.22
Sent: Thursday, June 17, 2010 12:20 PM
To: Penner, Barry ENV:EX
Subject: Incinerating

Hi,

I am very concerned about the **Incinerator** that has been the topic for a while now and I along with s.22 am totally **against** it. We have lived here for the past 20 years and have seen how bad the air can get from the smog that settles in the Fraser Valley so it's not hard to imagine how awful the air we breathe would be. There have been times when the air has been so bad that we have considered moving! That's pretty sad. So PLEASE fight for our **air** Mr. Penner! You did it for SE2 and we are proud of you for that and what you stand for - Our rights.

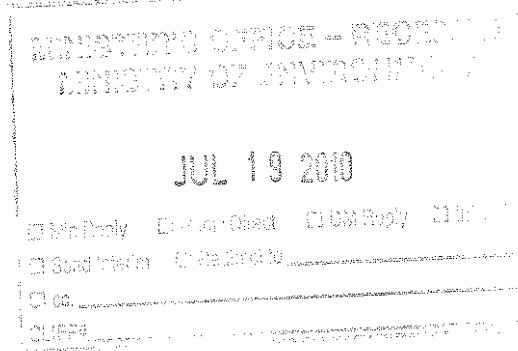
Thank you,

s.22

localmla

128351

From: s.22
Sent: June-17-10 5:18 PM
To: localmla@uniserve.com
Subject: proposed Vancouver incinerator



Barry Penner
Minister of the Environment

Dear Barry

I am writing this letter to add my concern to many other Chilliwack residents regarding the proposed incinerator Vancouver would like to build. For them to promote as a "green" solution is in my opinion, absurd. Our air quality here in the Fraser Valley is already terrible. Adding to it with incinerated waste will make it that much worse.

I have asthmatic friends who already have to leave their homes in Chilliwack and travel south or to the interior just to get some fresh air. I have chronic health problems myself and have developed respiratory allergies I did not have prior to living here in Chilliwack. One only needs to visit Chilliwack on a hot summer day and look around and realize you cannot even see a single mountain. Everything is polluted haze. You live here so you have undoubtedly witnessed this yourself many times.

I strongly oppose the construction of a waste incinerator in Vancouver. We fought hard to defeat SE2. You were a key member in that fight. To think we could once again face a battle against another huge environmental polluter seems truly unbelievable.

I hope you will consider the respiratory needs of the citizens of Chilliwack - your constituents - while making this decision.

Sincerely,

s.22

From: BarryPenner.com [info@barrypenner.com]
Sent: June-18-10 8:29 PM
To: Barry Penner; Barry Penner
Subject: Feedback from BarryPenner.com

Thank you for contacting BarryPenner.com.

Name:

Phone:

Email:

s.22

Address:

Comments: Barry i wish to add my voice to the tsunami of concern re MVWMB's proposal to build a waste to energy incinerator. Whatever the precautions I believe the evidence shows this course of action would decrease the air quality at this end of the valley. Decreases in quality that that will negatively affect my patients (especially the elderly).

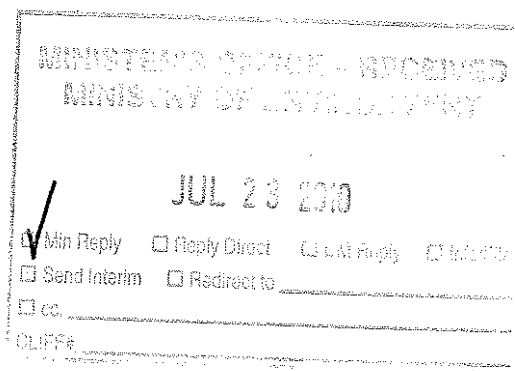
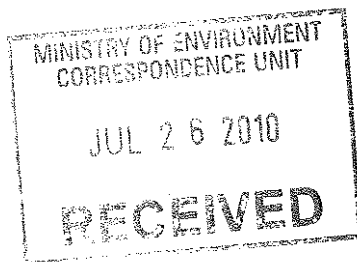
Furthermore a decrease in air quality will affect our local economy ,as Chilliwack becomes a less desirable place to live.

i urge you to dismiss this proposed solution.

s.22

Sent from Page: <http://www.barrypenner.com/index.php?id=346>

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localmla

128353

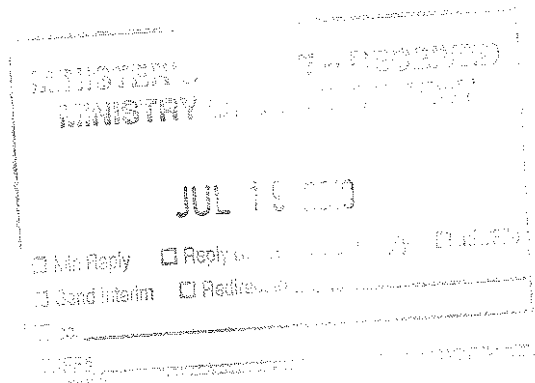
From: s.22
Sent: June-21-10 12:03 PM
To: localmla@uniserve.com
Subject: Incinerator

To Barry Penner, MLA

I would like to let you know that my family is against the building of an incinerator in the Fraser Valley.

Thank you

s.22



localmla

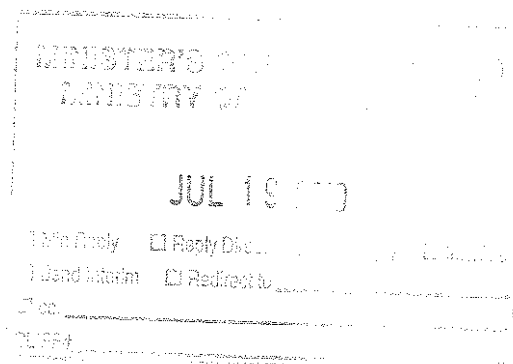
128354

From: s.22
Sent: June-23-10 8:13 PM
To: barry.penner.mla@leg.bc.ca

We are not in agreement with Vancouver burning there garbage and us un Chwk getting all the clean air from it. Lets try and keep Chwk clean. I have a lot of lung problems and don't want to have to move. Thank you for standing up for chwk.

s.22

Enter for a chance to get your town photo on Bing.ca! [Submit a Photo Now!](#)



128355

localmla

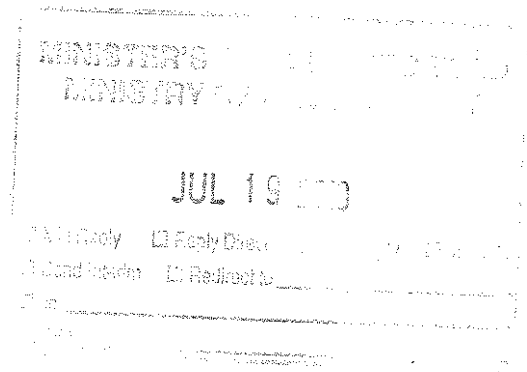
From: s.22
Sent: June-24-10 6:44 AM
To: localmla@uniserve.com
Subject: Incinerator

To Barry Penner, MLA

I am writing to let you know that me and my family is opposed to the plan for the incinerator to come to anywhere in the Valley, especially Chilliwack. We have enough problems with our airshed out here, we don't need to add another big one.

NO INCINERATOR!!!

s.22



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JUL 19 2010
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 Board Meeting 11:00 AM
 1530
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s.22

s.22

where I helped develop,

Sincerely,

s.22

Sent from Page: <http://www.barrypenner.com/index.php?id=346>

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From: s.22
Sent: June-25-10 4:17 PM
To: barry.penner.mla@leg.bc.ca
Subject: Incineration

Dear Sir,

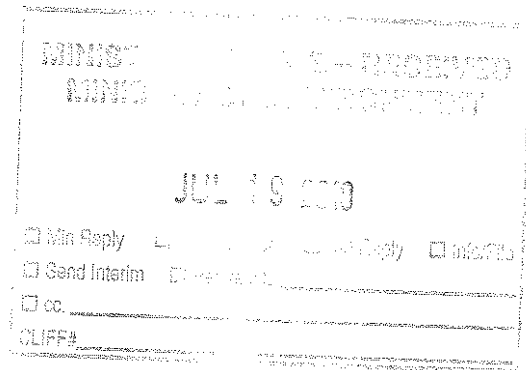
I would like to thank you for the excellent representation you have provided us in the past.

Vancouver's idea of burning garbage is a bad idea.

It should be against the law to burn plastics.

Thank you ahead of time for protecting the most beautiful place on earth!

s.22

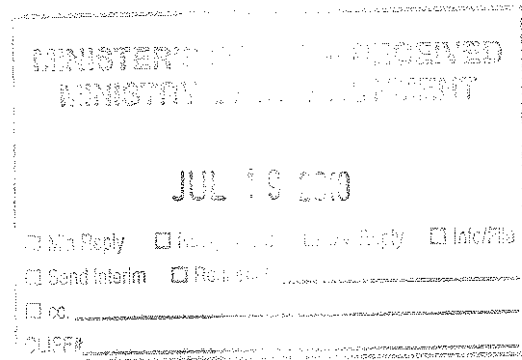


From: s.22
Sent: July-06-10 11:36 PM
To: barry.penner.mla@leg.bc.ca
Subject: Waste burner...

Hi Barry - just dropping you my two cents worth - I sure hope you get behind the movement to prevent the Waste Burner in Vancouver the way you got behind the SE2 prevention movement ... we need people like you to speak for the people here in the Valley who suffer the consequences to our health and our environment when bad eco choices are made ...

Keep up the good work - it's much appreciated!

s.22



From: s.22
Sent: July-13-10 12:20 PM
To: barry.penner.mla@leg.bc.ca
Subject: Waste to Energy

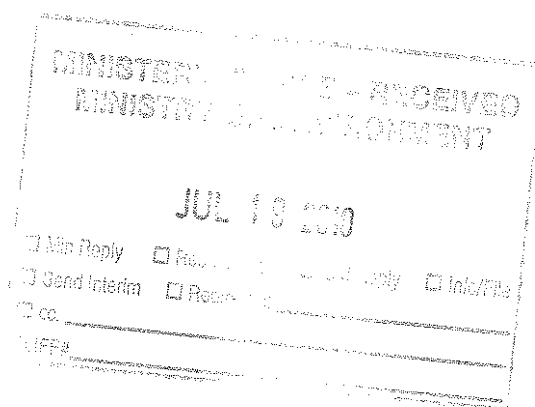
Dear Hon. Barry Penner,

I am writing to you to voice my opposition to the proposed Waste to Energy plant. I live in this beautiful city of Chilliwack, and I am fearful of the environmental impact of this proposed plan. If this plant is approved. I think my family would have to seriously consider leaving this city.

s.22

s.22 One of the leading causes of this type of cancer is environmental toxins. We do our very best to live a healthy lifestyle, both for our own health, and for the health of our neighbours. We also care deeply about taking care of our environment. You must be under enormous pressure in making this decision. I hope that you will come to the same conclusion that I did after reading the available information about WTE. Please put an end to this foolish and harmful plan. Thank you.

s.22



From: s.22
Sent: July-14-10 3:43 PM
To: barry.penner.mla@leg.bc.ca
Subject: Moving away

Dear Mr Penner,

I would like to express my oposition to Metro Vancouvers incineration proposal.

s.22 are moving away from the lower mainland (Chilliwack) in the next six months and the summer air quality is one of the major contributing reasons. We have family and an established life here but health is also an important ingredient to life. I am an asthmatic and struggle in summer here. We have a beautiful hillside home with a gorgeous view - gorgeous that is when the brown fog isn't in the picture.

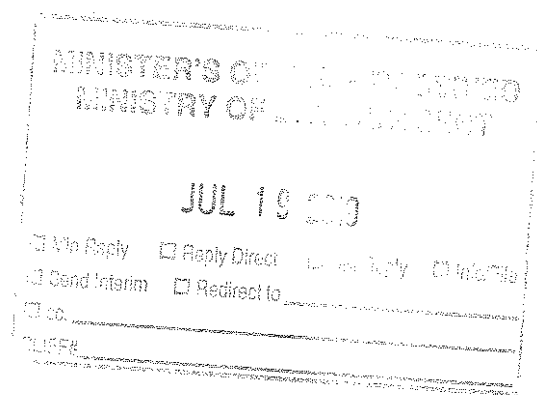
We are hoping that with the worlds focus on environmental impact issues that things will actually improve in time and we would consider returning - so we were quite surprised that an obvious regression like that of the proposed incinerator is even getting any airtime as a possibility. It's negative impact to cities and neighbourhoods east of Vancouver seems obvious.

I attended the Chilliwack meeting hosted by Metro Vancouver and found their information misleading especially their comparisons with the UK model which seemed not to line up with the proposed Vancouver operation or situation at all. It was a convenient comparison for their purposes or trying to convince, but it was an illegitimate comparison if looked at with detail.

I strongly object to Metro Vancouver's plans.

Yours sincerely,

s.22



From: BarryPenner.com [mailto:info@barrypenner.com]

Sent: July-23-10 11:09 AM

To: Barry Penner; Barry Penner

Subject: Feedback from BarryPenner.com

Thank you for contacting BarryPenner.com.

Name:

Phone:

Email: s.22

Addre

Comments: I havae not heard any explanations as to how the incinerators will polute our air. I hear that these are used in many other countries without consequenses and fail to see why the airspace in our valley is so special or what we would be afraid of. I must therefore conclude that an incinerator would be preferable to the pollution and dangers caused by all the trucks hauling garbage to Cache creek or other distinations.

Sent from Page: <http://www.barrypenner.com/index.php?id=346>

From s.22
Sent: Thursday, July 29, 2010 5:34 PM
To: waste.incinerators@writewild.net
Subject: PROPOSED WASTE INCINERATION
Importance: High

I am truly alarmed regarding the prospect of a waste incinerator in the lower mainland and urge you to consider the following:

- Metro Vancouver and the Fraser Valley already suffer from air pollution. Does it make any sense to add further to this pollution?
- An article in the Georgia Straight in the July 8, 2010 edition featured an article regarding the research carried out by U.B.C environmental studies students. From that article, I understand that Metro Vancouver has failed to ask the students for a presentation, despite their willingness to do so.
- At best, the results of research may be uncertain. At worst, they may prove to be the final nail in the proverbial coffin.

Lets put emphasis on reducing waste, starting with manufacturers and distributors of packaged products.

Yours sincerely,

s.22

From s.22
Sent: Thursday, July 29, 2010 9:46 AM
To: waste.incinerators@writewild.net
Subject: Do not vote for the Metro BC incinerator!

Dear Honorable Minister Barry Penner and Metro Directors:

Please do not vote for the Metro BC incinerator. This incinerator is **not beneficial** to the people of Metro BC or the entire planet because it is not good for the people of BC or the planet. I am writing you from CA because I am very concerned about the sustainability of our planet as a whole and the precedent of your actions.

1. This incineration project will increase air pollution exposing the community to air borne toxicity resulting in increased asthma and other serious chronic diseases and it will increase water quality risks from the necessary disposal of the toxic ash that is a result of burning garbage.
2. Additionally please vote against this incineration proposal because we are in a severe economic downturn and we know that we need to take actions to create optimum employment in all of our decisions and the incinerator does not create optimum number of jobs for our region; instead it minimizes job creation by throwing everything into a fire pit when instead that energy could be better spent employing and sustaining hardworking people of the community and simultaneously bringing prosperity and health to the community. Burning waste not only creates toxic emissions but it contributes wasteful green house gas (GHG) emissions.
3. Instead of this incineration project that burns the waste to GHGs please consider implementing a Zero Waste Plan to minimize waste, reuse as much of it as is feasible, and recycle the rest back into economic use. Within our waste lies many of our own resources which are our greatest assets; it is a sin for us to destroying our own precious resources for any reason! Please put our expansive and wonderful ingenuity into innovatively managing our waste through a comprehensive Zero Waste Plan as many other smart cities throughout Canada and the world have done. Zero Waste implementation has been very very successful in these other cities as it can be in Metro BC. Here are resources of other cities with Zero Waste Plans [<http://www.garyliss.com/id18.html>] including Nelson, BC Zero Waste Action Plan: http://www.city.nelson.bc.ca/pdf/zero_waste.pdf.
4. If energy is driving your decision making on this please consider implementing energy efficiency options and renewable energy options first; both of which again create jobs not destroy jobs. Before you finalize your decision please look carefully at the science and outcomes of incineration versus a Zero Waste Plan, energy efficiency options and renewable energy before you send our resources out the door and up the chimney.

Please think of the people and the earth's resources in your decision and DO NOT VOTE FOR THIS INCINERATOR PROJECT! You have to date been protecting the people and the region well; let's keep it that way.

Sincerely,

s.22

From: s.22
Sent: Thursday, July 29, 2010 10:57 PM
To: Waste.Incinerators@WriteWild.net
Subject: waste incenerators

I'm very worried by the policy about waste incinerators. We have been talking about recycle, environment, save resources and energy, and pollution. And what's about health? Is it not related to pollutants that we eat and breath ?

My question is why we should produce more toxic pollutants burning garbage. Every pollutant we produce comes back to us, through the air we breath, the water we drink and the food we eat. I don't think we should risk our health and our kids health, more than what we already do. Think how some chemical are "known" or "probable" or "possible" human carcinogens (dioxins enclosed).

Burning is not worth as alternative to landfills. It is possible to make an effort and walk healthier and more environmental compatible ways.

How wrong is it to burn garbage from many different points of view? Just few thoughts:

Pollutants: we have enough toxic substances coming out from industrial production, or allowed in agriculture, farming and everyday life, doesn't look smart to start another source, we (and you!) should try to reduce them.

Waste of a resource: composting and recycling. I'm so happy my city started the kitchen scraps collection. It's an important step to reduce the garbage, and makes good quality compost. My family has reduced the garbage of more than 95% (we now produce less than half bag per week). If we can do that, everybody can do! In the garbage are left some irrecyclables and some packages. In my opinion every municipality should start the food scraps collection (and follow a "no incinerator" policy) .

Recycle irrecyclables? (could we look at the collection and recycle of styrofoam as happens somewhere in Okanagan? It is sold to a company in Langly or Absford to make hard plastic). Could we regulate their production and use and who is responsible for collection?

Prevention: producing less garbage.(producing more durable items and less packages), recycling, and composting.

Greenhouse gas and climate change: if we want to help, we should forget the "burning" way, there are other solutions.

I don't understand why my weekly bag of garbage (after reducing, reusing, recycling and composting) should be burnt togheter with my effort to make a cleaner world: the incinerator policy goes exsacly in the opposite direction of recycling reusing, composting etc.

It is time to take responsibility, use healthier and sostenible alternatives to incinerators. A bit of bravery is needed.

I think that our administrators and technicians should work in their citizens interest, so our politicians. Who should they work for? WE DON'T WANT INCINERATORS!!!

s.22

From: s.22
Sent: July-30-10 8:43 AM
To: 'localmla@uniserve.com'
Subject: Incineration - Vote No

Mr. Penner

I truly hope you seriously consider our Fraser Valley air today. I am fortunate to own property s.22 where I escape most weekends in order to breathe clean air. Our air shed is all we have Mr. Penner here in the Valley. Keeping it clean means everything to our health and economy.

Thanks,

s.22

From s.22
Sent: July-30-10 8:31 PM
To: barry.penner.mla@leg.bc.ca
Subject: Metro Vancouver Incinerator
Importance: High

July 30, 2010

Dear Barry

Re: Apppplication for approval of waste disposal including incineration

Today Metro Vancouver approved a plan that included the use of incineration as a means of disposing metro Vancouver's waste.

I know you have been involved in past efforts to stop the SE2 plant in the U.S.A.

In my view Metro's plan constitutes a far more serious attack on the air quality of the Fraser Valley than did SE2.

A review of the so called "expert" evidence makes me question the legitimacy of Metro's due diligence in this matter.

We are told that such plants are accepted in Sweden and Germany. I challenge metro to show that air basins similar to that of the Fraser Valley exist in the sites held up by Metro as being acceptable.

Our situation is equivalent to the Los Angeles basin. There are too many stagnant days, the mountains are too high and the Valley is like a funnel trapping pollutants at the eastern end.

I urge that metros' application for approval be rejected.

I will be writing to the mayors in the Valley urging legal action if this plan is approved. Lawsuits should be filed against Metro and the individuals who voted to approve this monstrosity

I have never been as angered by a group as I have by this Metro gang. They have shown an arrogance towards their fellow citizens than is beyond belief.

Your constituents need your help.

Yours truly

s.22

From: s.22
Sent: July-30-10 4:24 PM
To: localmla@uniserve.com
Subject: Incinerator

Dear Mr. Penner:

I am writing about the waste to energy incinerator. Today municipal politicians voted to explore the possibility of building waste to energy facilities, including incinerators in and outside the Lower Mainland.

I disagree with the building of incinerators because of the possibility of an increase in air pollution; all of us in the region should be working to lower the garbage we throw out by reducing, reusing, recycling and composting.

I appreciate your work in this area.

Yours truly,

s.22

From s.22
Sent: July-31-10 12:16 PM
To: barry.penner.mla@leg.bc.ca
Subject: Incineration

Dear Mr Penner,

I am saddened to learn that you and your committee has decided to build an incinerator.

What right have you to deprive the children of tomorrow of the resources that you will burn? The resources you will burn are not rubbish they are the resources of tomorrow you just need to get the wonderful people of Vancouver to learn how to use them better. Once they are burned they are gone for ever.. You are burning the planets resources not its waste!

I hope you reconsider and think of the children of tomorrow.

You have a nice day if your conscience will allow you to.

s.22

From:
Sent: Saturday, July 31, 2010 2:33 AM
To: waste.incinerators@writewild.net
Cc:
Subject: Incineration

s.22

by the time you read this you will have voted weather to pursue incineration or not.
What can I say, it's the second best solution a comprimise, a cop out. Reality is we need to change, we need to make things that last or are totally recyclable reusable, who are you trying to kid, we are living on a finite planet, we need to think about a hundred year plan, a sustainable, healthy system, Zero waste, world. A dream you may say , but incineration and the consumerist path we are on now is a real nightmare, it's catching up with us , Cancer rates increasing. Sea levels rising, temperatures rising, global warming, what will it take to get some leadership, some wisdom, think about our grand kids , not just the next election. Lead and we will follow, lead by example, make us the world leader in sustainability and we will in the long run , outperform and out profit the world. There's a lot of money to be made in effectiveness! Go for it, there's a lot of us who will back you up , dare to do whats best, don't waste it away with a quick burn, Thanks

s.22

From: s.22
Sent: Sunday, August 1, 2010 2:08 PM
To: Minister, ENV ENV:EX
Subject: WTE plant

Dear Barry Penner,

I just read in our local paper (Abbotsford News) that the board in Vancouver has given approval to proceed with considering the WTE plant. s.22 and know that there was also opposition to plants there (the one in our area was close to the sea with most of the pollution drifting out to sea). Advocates for the technology today regularly overstate their efficiency and always downplay the many challenges that these plants present. I've never heard anyone able to justify putting a plant like this in an area with our sensitive air-shed.

We would like to voice our very strong opposition to this plant and hope that you will not allow it to proceed. When working in Victoria on a particular construction project some years ago, I often took s.22 and was regularly amazed (especially in the summer) at how clear things were in Victoria, even Vancouver. But as you looked to Abbotsford you could clearly see the air color change to a darker, denser color, worsening as it moved further into the valley. I had occasion to sometimes fly s.22 at the time and I know we talked about this (and other things☺). He also recognized the problem and was also part of the opposition to SE2.

I've lived in many parts of the world and value the quality of life and air that we enjoy here in the Frazer Valley. In many ways it is also the "bread basket" for the region and Vancouver people need to know that the milk they drink and the meat, eggs and produce they consume comes from this region. It deserves our protection!

We need to find better ways to deal with our garbage, and of course, do a better a job of recycling and consuming less. WTE is not the answer! It will become another SE2 rallying point if politicians don't very quickly make it clear to us in the Valley that it will not be allowed to proceed.

I hope you agree that it is our responsibility to be good stewards of our environment and all we possess. One region must look after the other as well and if those board members voting for the plant lived in Abbotsford or Chilliwack (or had close family in the area), they would not have approved the WTE for this region!

Hopefully you and your ministry will support the people of this valley (and many critical thinkers that understand the shortcomings of WTE science) and join our opposition to it!

Thanks for your time,

s.22

From: s.22
Sent: Sunday, August 1, 2010 10:10 AM
To: Minister, ENV ENV:EX
Subject: Vancouver Garbage

s.22 I feel very lucky to have lived in Chilliwack for the past 30 years being proud to have made the choice to live in a healthier environment with a high quality of life, water, air, mountains, etc. Last week on CBC radio, was announced that Vancouver, Surrey, and for some reason especially the Mayor of Burnaby have chosen us to be the recipients of the incinerator and all of their garbage...The mayor of Burnaby actually said that in Chilliwack we allow backyard burning and farm burning and we should be the ones to live and breathe their waste... I can see the benefit for Vancouver and the larger cities who we know will maybe on a cold winter Arctic Outflow day receive the pollution from this process. In Chilliwack and East, we will see and feel this poor air forever. I went online to see if large cities in the USA like San Francisco incinerate their garbage to find more info and I was shocked to find that they DO NOT! The reasoning is that people in general are not recycling adequately to ensure garbage being only safe products to burn.

A few large cities are trying monitored, enforced , and fining to encourage complete recycling and have made the decision that it is still not done well enough to burn garbage!

I must also tell you an interesting story about s.22 in a new high rise condo on the s.22 in Vancouver. The basement dumpster room had clearly marked bins for all recycling and 4 huge dumpsters for the rest of residents' garbage. It became a joke about the dumpster "diving" that we all did as people threw away furniture, 12' X12' Persian carpets, clothes, leather bags, shoes, sports equipment, electronic equipment, not to mention half full cans of paint, pots, pans, full and empty aerosol cans, plastics, car parts, etc., etc. Every Thursday these were all wheeled out and scooped up by the garbage trucks with no monitoring. How many condos does Greater Vancouver have and how many dumpsters full of contaminants every week are part of their garbage?! PLEASE, PLEASE, PLEASE can you stop this Incinerator from happening?!!!!

s.22

From: s.22
Sent: August-02-10 9:55 AM
To: barry.penner.mla@leg.bc.ca
Subject: Lower Mainland Incinerator

Dear Mr. Minister,

Please help Metro Vancouver make up its mind and firmly reject any plan for a waste incinerator anywhere in the Lower Mainland.

I know the Gold River area well, and in my opinion it is an ideal location for an incinerator. The site is well located away from the community and the prevailing winds will discharge anything over a forested area.

With the decline of the forestry industry there are dozens of idle pulp chip barges all over the Coast. What a great way to move waste and take all those polluting trucks that are going back and forth to Cache Creek off the road.

Please reject any and all incinerators in the Lower Mainland.

s.22

From: s.22
Sent: Monday, August 2, 2010 8:17 AM
To: Minister, ENV ENV:EX
Cc: Gordon, Matt PAB:EX
Subject: Garbage incinerator in Vancouver - using old and not clean technologies.

Dear Mr. Penner

I decided to write this e-mail as reply to articles in Vancouver Sun of July 30 and July 31 about garbage incinerator plant. For sure garbage disposal is very important issue for all people in Greater Vancouver and Fraser Valley. But the main question is why incinerator? It is old and absolutely not ecological friendly technology. There are modern technologies of disposal of solid garbage. Disposal is close to 100%. Surprisingly such disposal plants are cheaper then incinerators. Another important thing is that disposal plant can bring profit as incinerator will require funds to cover operation expenses. I believe that Vancouver and its people are deserved to have modern technology for garbage deposal instead of old incinerator which is a threat to ecology itself. I am sure that professionals from Metro Vancouver can find much better option for garbage disposal then just burning it. I know about new and progressive technology offered by company Bioindustry from Switzerland. Here is there website <http://www.bioindustry-ltd.com/>.

s.22 interested people from Metro Vancouver to this company in order to get information about the technology fast.

Best Regards

s.22

From s.22
Sent: August-03-10 3:17 AM
To: localmla@uniserve.com
Subject: Vancouver incinerator

Hi Barry..

My name is s.22 and I was once a resident of Chilliwack. I spent all of my life there until just recently. Now I'm currently living s.22

I wanted to write you regarding the decision by Metro Vancouver Council to agree on the incineration project.

Please, Barry... I know you can stop this. Even though I live s.22 my heart and my home will always be in Chilliwack. I do NOT want Metro Vancouver's garbage smell or toxins floating down the valley to Chilliwack.

Signed, a concerned citizen

s.22

From: s.22
Sent: August-03-10 3:19 PM
To: localmla@uniserve.com
Subject: Vancouver Incinerator

Dear Mr. Penner,

It makes us very upset that some people
are thinking of adding MORE toxins
into our upper mainland air.

We strongly believe that this project will do more harm than good.
Please help 13 year old's like us to look forward to a better future.

Thanks,

s.22

From: s.22
Sent: Tuesday, August 3, 2010 3:18 PM
To: Minister, ENV ENV:EX
Subject: incinerator

s.22

To Mr Barry Penner

Dear Mr Barry Penner, I am strongly apposed to this incinerator being planed by Vancouver council. I think if they get the permission to build it the effluent discharged from the incinerator will harm every one in the Fraser Valley over time and will be a huge cost to the public for medical costs. We don't know all the ramifications of types of pollutants we will be breathing into our lungs. I understand there is no equipment to measure some of the pollutants going into the air. But as we are in a funnel coming from Vancouver out to Chilliwack and Hope, we will get to ingest what ever is in the air. I am afraid for my Child and my grandkids and there kids if they get the go-a-head to build the incinerator. I hope you will do everything in your power to stop this as it will be you who will accept or turn down the proposal in the end.

Yours Sincerely

s.22

From: john p foden [mailto:jpfoden@presterjohn.ca]
Sent: Monday, September 13, 2010 10:02 AM
To: Braman, Jonn ENV:EX
Subject: Meeting request

Metro Vancouver has recently submitted its Long-Term Waste Management and Resource Plan (LTWMRP) to the provincial Minister of the Environment for approval. It's a progressive document that focuses on waste diversion and climate change mitigation, and it will position the Vancouver region as an environmental leader.

Energy-from-waste is another key component to the plan, included therein because it's proven to be entirely compatible with a robust waste diversion regime and provides communities with net positive benefits vis-à-vis climate change.

Metro Vancouver's LTWMRP is consistent with the trends guiding leading-edge jurisdictions around the world, as the move to install more EFW is evident in the fact that nations with the strongest environmental records on the planet, including Sweden, Germany, Denmark, and the Netherlands, utilize EFW technologies to manage their waste and reduce global warming. Europe already has 400 operating plants, and some estimates predict there could be as many as 100 more in the next five-ten years.

Indeed, according to Mercer Consulting and *The Economist* magazine, thirteen (13) of the twenty (20) most liveable cities in the world employ some form of EFW to treat their waste and clean their air. It's worth noting that Metro Vancouver already stands in this list of illustrious municipalities due to the Covanta Energy plant in Burnaby.

Having said this, we recognize that EFW has critics, arguing against this state-of-the-art solution by employing unscientific assumptions and misguided stereotypes.

So, on behalf of the Canadian Energy-From-Waste Coalition (CEFWC) **I'd like to request a meeting with you and your team** in order to highlight the benefits of EFW. Our presentation will focus on international and national trends related to EFW. I anticipate sharing insights related to energy generation and economic development, with a particular focus on waste diversion and climate change mitigation.

With your indulgence, **I'm hoping to plan my travel in British Columbia for the week of September 27th, 2010** so I'd like to arrange a time that is most convenient for you within that window of opportunity.

Please feel free to respond via e-mail, or by telephone. I will also call you later this week to address any questions or concerns you may have.

The Canadian Energy-From-Waste Coalition (CEFWC) represents industry, associations, and other stakeholders committed to sustainable environmental policies. We stand for the promotion, adoption, and implementation of energy-from-waste (EFW) technology for the management of residual materials within the context of an integrated solid waste management system.

Recognizing that EFW solutions are compatible with proactive recycling and other diversion efforts, the coalition seeks to promote the merits of the thermal treatment of waste to recover energy and garner support for waste derived fuels.

Thank you for your consideration.

jpf

John P. Foden
Executive Director
Canadian Energy-From-Waste Coalition
10 Rambert Crescent
Toronto, Ontario M6S 1E6

Business: 416-763-0815
Cellular: 416-435-7120
Fax: 416-766-7597
E-mail: jpfoden@presterjohn.ca

From: Blain, David [mailto:blain@chilliwack.com]
Sent: Tuesday, November 30, 2010 11:51 AM
To: Sundher, Avtar S ENV:EX
Subject: Metro Vancouver Incinerator

Avtar

I hope that you are well and that all of the upheavals at the ministries are not causing too much additional work.

I read the Metro Vancouver response to the FVRD submission on the proposed incinerator and it references several times a MOE technical review of incinerators conducted by Stantec dated August 27, 2010. I would appreciate getting a copy of that report since as you are aware it is still quite an issue here in Chilliwack.

An email copy would be great but if there are photocopying costs we can deal with those.

Regards.

David Blain, M.A.Sc., MBA, P.Eng.
Director of Engineering

City of Chilliwack
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FAX: (604) 793-2756
e-mail: blain@chilliwack.com
web site: www.chilliwack.com

From: Susana Harder [mailto:Susana.Harder@metrovanancouver.org]
Sent: Thursday, October 7, 2010 2:20 PM
To: Wakelin, Tony ENV:EX
Cc: Dennis Ranahan; Chris Allan
Subject: Discussion Points re: Stantec's WTE Technical Review

Hi Tony.

Metro Vancouver staff have reviewed Stantec's final report "Waste-to-Energy: A Technical Review of Municipal Solid Waste Thermal Treatment Practices". Overall the report is well written in an objective voice and does a good job at informing its readers of the international regulations/guidelines for WTE and the state of technology. We have compiled a list of comments which are attached.

As discussed, Metro Vancouver staff wish to have a technical discussion with Ministry staff and Stantec to fully understand the basis of the recommendations in the report and their potential effects as the outcomes may conflict with the original intent behind the guidelines. Of the comments attached, we wish to cover the following key issues:

- In general, there should be some clarity between design objectives and emissions monitoring. This is especially important since existing and new facilities in North America use U.S. EPA certified monitoring and measuring equipment.

- Good combustion is evidenced by the emissions output and not by measuring operating parameters. This indicates the wrong objective by penalizing for the cause (an operational parameter) in addition to the outcome (an emissions exceedance).
- Some recommendations are stated as consistent with those of other jurisdictions; however, tables in the report clearly show these statements to be incorrect. For example, the rationale for Cr in Table 8-23 is not consistent with Table 8-21.
- For particulate the half-hourly average of 20 mg/m³ seems too low, especially when the stringent EU WID half-hourly average is 30 mg/m³.
- The details behind the application of international regulations/guidelines should be understood. For example, there is an exception in the EU Waste Incinerator Directive that states continuous measurement of HF is not required if treatment stages for HCl are used.
- Redundancy where multiple limits are given to manage the same issue, e.g. THC/TOC/VOC would be best served by continuous monitoring of CO.
- There appears to be no basis for setting individual limits on heavy metals such as As and Cr. The report cites consistency with other international jurisdictions as the basis; however, no other jurisdiction in the world appears to use this approach instead opting to group metals (see table 8-21).
- Reducing the opacity limit of 5% from a one-hour average to a half-hour average is considered too short to remedy. This also raises a situation where one event causes two permit violations (for opacity and particulate). If particulate is measured continuously, only one parameter should suffice.

In addition to the above, we are interested to know exactly what types of facilities will be covered by the new guidelines and how the existing WTE facility in Burnaby will be addressed.

Best Regards,

Susana L. Harder, P.Eng.
 Senior Project Engineer
 Regional Utility Planning Division
 Metro Vancouver
 Tel: 604-432-6345