



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Chevron
6001 Bollinger Canyon Road
San Ramon, California USA 94583

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.¹

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

¹ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 3.34% of historic greenhouse gas emissions.² Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.³

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁴ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁵

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁶. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

² Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

³ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁴ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;

<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁵ **Suffering the Science – Climate Change, People, and Poverty**. Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁶ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT**. Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁷. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 3.34% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 3.34% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁷ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Saudi Aramco
P.O. Box 5000
Dhahran, Saudi Arabia 31311

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁸

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁸ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 3.29% of historic greenhouse gas emissions.⁹ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹⁰

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹¹ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹²

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M¹³. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁹ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹⁰ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹¹ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹² **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

¹³ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone¹⁴. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 3.29% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 3.29% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

¹⁴ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Exxon Mobil
5959 Las Colinas Boulevard
Irving Texas, USA 75039-2298

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.¹⁵

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

¹⁵ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 3.10% of historic greenhouse gas emissions.¹⁶ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹⁷

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹⁸ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹⁹

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M²⁰. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

¹⁶ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹⁷ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹⁸ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹⁹ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

²⁰ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone²¹. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 3.10% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 3.10% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

²¹ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

BP p.l.c.
1 St James's Square
London, United Kingdom SW1Y 4PD

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company's responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.²²

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

²² Morin, J. Tsleil-Waututh Nation's History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 2.38% of historic greenhouse gas emissions.²³ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.²⁴

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.²⁵ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict²⁶

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M²⁷. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

²³ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

²⁴ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

²⁵ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

²⁶ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

²⁷ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone²⁸. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 2.38% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 2.38% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

²⁸ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Gazprom
16 Nametkina St.
Moscow, Russian Federation GSP-7, 117997

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.²⁹

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

²⁹ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twinsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 2.33% of historic greenhouse gas emissions.³⁰ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.³¹

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.³² While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict³³

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M³⁴. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

³⁰ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

³¹ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

³² <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

³³ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

³⁴ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone³⁵. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 2.33% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 2.33% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

³⁵ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Royal Dutch Shell plc
PO box 162
The Hague, The Netherlands

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.³⁶

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

³⁶ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 2.06% of historic greenhouse gas emissions.³⁷ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.³⁸

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.³⁹ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁴⁰

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁴¹. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

³⁷ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

³⁸ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

³⁹ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁴⁰ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁴¹ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁴². Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 2.06% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 2.06% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in cursive script that reads "Meghan Lahti".

Acting Mayor Meghan Lahti
City of Port Moody

⁴² Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

National Iranian Oil Company
Hafez Crossing Taleghani Avenue
Thran, Iran

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁴³

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁴³ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 2.02% of historic greenhouse gas emissions.⁴⁴ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁴⁵

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁴⁶ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁴⁷

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁴⁸. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁴⁴ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁴⁵ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁴⁶ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁴⁷ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁴⁸ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁴⁹. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 2.02% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 2.02% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁴⁹ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

PEMEX Avenida Marina Nacional
#329 C 3, Col. Verónica Anzures
Del. Miguel Hidalgo Distrito Federal C.P, Mexico 11300

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁵⁰

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁵⁰ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 1.39% of historic greenhouse gas emissions.⁵¹ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁵²

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁵³ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁵⁴

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁵⁵. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁵¹ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁵² <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁵³ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁵⁴ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁵⁵ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁵⁶. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 1.39% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 1.39% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁵⁶ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Coal India Limited Coal Bhawan Rajarhat
Premise No-04 MAR Plot No-AF-III, Action Area-1A Newtown
Kolkata, India 700156

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁵⁷

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁵⁷ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 1.16% of historic greenhouse gas emissions.⁵⁸ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁵⁹

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁶⁰ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁶¹

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁶². Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁵⁸ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁵⁹ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁶⁰ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁶¹ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁶² **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁶³. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 1.16% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 1.16% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁶³ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Conoco Phillips
600 North Dairy Ashford (77079-1175) P.O. Box 2197
Houston TX, USA 77252 - 2197

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁶⁴

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁶⁴ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 1.12% of historic greenhouse gas emissions.⁶⁵ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁶⁶

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁶⁷ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁶⁸

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁶⁹. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁶⁵ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁶⁶ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁶⁷ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁶⁸ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁶⁹ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁷⁰. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 1.12% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 1.12% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁷⁰ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Peabody Energy St. Louis MO
Peabody Plaza 701 Market St.
St. Louis MO, USA 63101-1826

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁷¹

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁷¹ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.89% of historic greenhouse gas emissions.⁷² Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁷³

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁷⁴ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁷⁵

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁷⁶. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁷² Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁷³ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁷⁴ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁷⁵ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁷⁶ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁷⁷. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.89% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.89% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁷⁷ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Petroelos de Venezuela, S.A.
Av. Libertador La Campiña 169
Ed. Petróleos de Venezuela, Torre Este Caracas, Venezuela 1010-A

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁷⁸

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁷⁸ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.88% of historic greenhouse gas emissions.⁷⁹ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁸⁰

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁸¹ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁸²

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁸³. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁷⁹ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁸⁰ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁸¹ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁸² **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁸³ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁸⁴. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.88% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.88% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁸⁴ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Total SA
Tour Coupole - 2 place Jean Millier Arche Nord - Coupole/Regnault
Paris La Défense Ce ex, France 92078

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁸⁵

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁸⁵ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.82% of historic greenhouse gas emissions.⁸⁶ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁸⁷

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁸⁸ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁸⁹

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁹⁰. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁸⁶ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁸⁷ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁸⁸ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁸⁹ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁹⁰ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁹¹. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.82% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.82% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁹¹ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

PetroChina (CNPC)
9 Dongzhimen North Street
Dongcheng District Beijing, P.R.China 100007

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁹²

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁹² Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.78% of historic greenhouse gas emissions.⁹³ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.⁹⁴

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.⁹⁵ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalize in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict⁹⁶

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M⁹⁷. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

⁹³ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

⁹⁴ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

⁹⁵ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

⁹⁶ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

⁹⁷ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone⁹⁸. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.78% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.78% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

⁹⁸ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Kuwait Petroleum Corp.
P.O. Box: 26565
Safat, Kuwait No. 13126

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.⁹⁹

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

⁹⁹ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015).
<https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.75% of historic greenhouse gas emissions.¹⁰⁰ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹⁰¹

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹⁰² While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalized in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹⁰³

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M¹⁰⁴. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

¹⁰⁰ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹⁰¹ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹⁰² <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹⁰³ *Suffering the Science – Climate Change, People, and Poverty*. Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

¹⁰⁴ *Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT*. Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone¹⁰⁵. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.75% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.75% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

¹⁰⁵ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Murray Energy Corporation
46226 National Road St.
Clairsville , Ohio, USA 43950

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.¹⁰⁶

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

¹⁰⁶ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.70% of historic greenhouse gas emissions.¹⁰⁷ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹⁰⁸

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹⁰⁹ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalized in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹¹⁰

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M¹¹¹. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

¹⁰⁷ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹⁰⁸ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹⁰⁹ <http://www.ucsusa.org/sites/default/files/attach/2016/03/background-er-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wp-content/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹¹⁰ *Suffering the Science – Climate Change, People, and Poverty*. Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

¹¹¹ *Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT*. Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone¹¹². Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.70% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.70% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

¹¹² Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Sonatrach
Djenane El Malik
Hydra, Algeria 160335

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.¹¹³

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

¹¹³ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.66% of historic greenhouse gas emissions.¹¹⁴ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹¹⁵

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹¹⁶ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalized in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹¹⁷

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M¹¹⁸. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

¹¹⁴ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹¹⁵ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹¹⁶ <http://www.ucsusa.org/sites/default/files/attach/2016/03/background-er-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wp-content/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹¹⁷ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

¹¹⁸ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone¹¹⁹. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.66% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.66% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

¹¹⁹ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

CONSOL Energy Inc.
CNX Center 1000 Consol Energy Drive
Canonsburg PA, USA 15317-6506

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.¹²⁰

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

¹²⁰ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.59% of historic greenhouse gas emissions.¹²¹ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹²²

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹²³ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalized in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹²⁴

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M¹²⁵. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

¹²¹ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹²² <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹²³ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹²⁴ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

¹²⁵ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone¹²⁶. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.59% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.59% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

¹²⁶ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

BHP Billiton Limited
BHP Billiton Centre 171 Collins Street
Melbourne Victoria, Australia 3000

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.¹²⁷

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

¹²⁷ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.55% of historic greenhouse gas emissions.¹²⁸ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹²⁹

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹³⁰ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalized in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹³¹

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M¹³². Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

¹²⁸ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹²⁹ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹³⁰ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹³¹ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

¹³² **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone¹³³. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.55% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.55% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

¹³³ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>



CITY OF PORT MOODY

OFFICE OF THE MAYOR

April 1, 2019
File No. 530-01

Iraq National Oil Company c/o Iraq Ministry of Oil
PO Box 6178
Baghdad, Iraq

Dear Sirs/Mesdames:

Re: Climate Adaptation in Port Moody– Your company’s responsibility

As you know, fossil fuel pollution from your products is the main cause of climate change. Like other communities around the world, our community is already seeing the harmful effects of climate change, and we are being forced to prepare for progressively more serious impacts. As the elected government of Port Moody, we have a responsibility to our citizens to ensure that our infrastructure and services are developed and maintained in ways that will be able to withstand the “new normal” that climate scientists have predicted for our region, and that our citizens are well protected from future climate impacts.

Port Moody is renowned for its coastal beauty, closeness to nature, and delicate ecosystems which are treasured by our residents; further, Tsleil-Waututh ancestors practiced a complex set of resource harvesting and management techniques that ensured the health of the local ecology and the future availability of desired resources since before we came to this land.¹³⁴

We write to inform you that we are committed to the process of preparing for the impacts that our community is projected to experience due to climate change. Climate change – as a result of pollution from your products – is now inevitable, and growing more severe as you continue to market them and work against a transition away from fossil fuels. However, we know that by planning for and adapting to these measures at an early date, we can minimize future economic and other impacts of climate change; it would be fiscally irresponsible not to.

As a community, we will expect you to pay your fair share of the costs associated with developing and implementing adaptation plans. It has been estimated that products produced

¹³⁴ Morin, J. Tsleil-Waututh Nation’s History, Culture and Aboriginal Interests in Eastern Burrard Inlet (2015). <https://twnsacredtrust.ca/wp-content/uploads/2015/05/Morin-Expert-Report-PUBLIC-VERSION-sm.pdf>

by [your company] are responsible for fully 0.51% of historic greenhouse gas emissions.¹³⁵ Your industry has been aware of the role of fossil fuels in causing climate change and the types of impacts that communities such as ours would suffer as a result from the 1960s at least.¹³⁶

Since then, however, your company has continued marketing your harmful products and many within your industry have worked, directly or indirectly, to delay or prevent the transition to a carbon free economy.¹³⁷ While we recognize that individual consumers do play a small (although individually insignificant) role in the fossil fuel economy, your company has had the power to lead the transition away from that economy, but has instead profited by many billions of dollars from products that destroy our global atmosphere, at the expense of our communities. It is the most marginalized in our community who will feel the impacts of climate change most keenly; however, we realize that our neighbours in impoverished countries are facing even more severe challenges due to climate change, like famine and conflict¹³⁸

It is our position that you – in marketing a product that you knew would cause harm to our community and in opposing alternatives to that product – have played a key role in degrading the global atmosphere and creating a range of threats to our community. Your contribution is readily detectable globally and is therefore considered legally significant and actionable.

It is our responsibility – as one of the communities that face the consequences of that public nuisance to take action to protect ourselves and our citizens from the public nuisance that you have contributed to. The common law recognizes this responsibility and confirms that expenses associated with mitigating the risks of a nuisance can be recovered from those who have caused them.

Port Moody is coastal ocean city on the shore of Burrard Inlet with suburban development surrounded by forested mountains. A recent engineering report concluded that protecting the Vancouver regional district from flooding caused by the predicted increase in sea level by 2100 would cost nearly a billion dollars. Included in this plan was a small portion (875 m) of the Port Moody foreshore that would be diked at a projected cost of \$CAD1.92M¹³⁹. Most of Port Moody's foreshore consisting of business, residential, and park land would not be protected from sea level rise in this plan, substantially increasing the cost of rising sea level. In addition, upgrades to the storm sewer system and protection from anticipated increased risk of wild fires and windstorms associated with climate change will be substantial, but not yet estimated.

Though it is not a cost directly to our municipality, we also know that climate change will impact the health of our citizens, put strain on our hospital and healthcare services and contribute

¹³⁵ Heede, R. "Tracing anthropogenic carbon dioxide and methane emissions to fossil fuel and cement producers, 1854–2010" *Climatic Change* (2014) 122: 229. doi:10.1007/s10584-013-0986-y, updated to 2013 at http://climateaccountability.org/carbon_majors_update.html , last accessed 23 September 2016.

¹³⁶ <https://www.smokeandfumes.org/fumes>, last accessed 23 September 2016.

¹³⁷ <http://www.ucsusa.org/sites/default/files/attach/2016/03/backgrounder-fossil-fuel-industry-climate-science-deception.pdf> , last accessed 23 September 2016;
<http://www.fossilfreemit.org/wpcontent/uploads/2014/08/FossilFreeMIT-Lobbying-Disinformation.pdf> , last accessed 23 September 2016.

¹³⁸ **Suffering the Science – Climate Change, People, and Poverty.** Oxfam (2009). https://42kgab3z3i7s3rm1xf48rq44-wpengine.netdna-ssl.com/wp-content/uploads/2013/08/suffering-the-science-climate-change-people-and-poverty_2.pdf

¹³⁹ **Cost of Adaptation - Sea Dikes & Alternative Strategies FINAL REPORT.** Produced by Delcan for the BC Ministry of Forests, Lands and Natural Resources and Natural Resources Canada (2012), Table 4.3B, p. 22.

millions of dollars per year in health care costs related to extreme heat and air pollution alone¹⁴⁰. Paying these costs on top of the health burden of climate change is unacceptable.

Accordingly, as we undertake the task of planning for, and building and modifying our infrastructure and services and developing a community that can withstand current and anticipated climate change, we expect you to pay your fair share of the resulting costs – which we assert is equivalent to your proportionate contribution to climate change (ie. 0.51% in the case of your company). You cannot make billions of dollars selling your product, knowing that it is causing significant financial harm to communities around the world, and not expect to pay at least that much.

If you do not agree that 0.51% is your fair share, please inform us what proportion is your fair share, and why. In addition, we would like to hear what steps you plan to take to reduce or eliminate the future impacts of your company's products on our community.

At present we are only beginning to understand the potential magnitude of increased local costs for both climate change mitigation and adaptation. We know that cities didn't cause the climate problem on their own and we can't solve it on our own, though our community will still bear the costs of climate change. However, we are committed to doing our part to minimize those costs and impacts, and we look forward to your confirmation that fossil fuel companies like yours will do your part as well.

Sincerely,

A handwritten signature in black ink that reads "Meghan Lahti". The signature is written in a cursive, flowing style.

Acting Mayor Meghan Lahti
City of Port Moody

¹⁴⁰ Paying the Price – National Roundtable on Environment and Economy (2011). <http://nrt-trn.ca/wp-content/uploads/2011/09/paying-the-price-executive-summary.pdf>