From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 9:23 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Rebecca August < <u>defenders@mail.defenders.org</u>>

Date: October 28, 2016 at 8:08:16 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Rebecca August < rebeccaaugust @mac.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Rebecca August 705 Bobcat Springs Rd Buellton, CA 93427-9466 rebeccaaugust@mac.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 9:23 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Tatjana Patitz < defenders@mail.defenders.org >

Date: October 28, 2016 at 8:08:16 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Tatjana Patitz < misstp@mac.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Miss Tatjana Patitz PO Box 5413 Santa Barbara, CA 93150-5413 (310) 589-0244 misstp@mac.com

From: Carbajal, Salud

Sent: Friday, October 28, 2016 9:24 AM

To: sbcob

Subject: Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Jessica Astrom <defenders@mail.defenders.org>

Date: October 28, 2016 at 8:08:16 AM PDT

To: Salud Carbajal < SupervisorCarbajal@sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Jessica Astrom < jerkan6@hotmail.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Miss Jessica Astrom Skeppargatan 14 B Skellefteå, None 93130 jerkan6@hotmail.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 9:47 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Rachel Haymon < defenders@mail.defenders.org>

Date: October 28, 2016 at 9:38:32 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Rachel Haymon < haymon@geol.ucsb.edu>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Rachel Haymon 744 Sea Ranch Dr Santa Barbara, CA 93109-1043 haymon@geol.ucsb.edu

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 9:47 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Gail Berkeley <defenders@mail.defenders.org>

Date: October 28, 2016 at 9:38:32 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Gail Berkeley < gail@daitravel.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Gail Berkeley 2633 Tunnel Ridge Ln Santa Barbara, CA 93105-2162 gail@daitravel.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 9:48 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Chris Seaton < defenders@mail.defenders.org>

Date: October 28, 2016 at 9:38:27 AM PDT

To: Salud Carbajal <<u>SupervisorCarbajal@sbcbos1.org</u>>

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Chris Seaton < seatopwr@verizon.net >

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Chris Seaton 921 W Mission St Santa Barbara, CA 93101-4651 seatopwr@verizon.net

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 9:48 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Ricardo Frustockl < defenders@mail.defenders.org>

Date: October 28, 2016 at 9:38:21 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Ricardo Frustockl <<u>rickfrustockl@hotmail.com</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mr. Ricardo Frustockl PO Box 2536 Santa Barbara, CA 93120-2536 (805) 705-9371 rickfrustockl@hotmail.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 10:20 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Melody Grigg < defenders@mail.defenders.org>

Date: October 28, 2016 at 10:09:13 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Melody Grigg <melodymuzette@verizon.net>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

Please, there is no greater threat to the entirety of humanity than climate change and it is imperative that our infrastructure, culture, and lifestyles keep up with the science. Fossil fuels served their purpose to initially advance civilization; however, they were never a sustainable resource in the first place and now that climate change is already upon us, it is time to continue to advance civilization by moving to clean energy sources that aren't going to devastate our future. All of the science and solutions already exist; now we just have to continue to implement them and lead the world in the right direction. Large companies like ExxonMobil do not like the clean direction that the world is now heading in, but ultimately it benefits them too since continuing to rely on their harmful product will only lead to total ruin. Thus, please, continue to fight for what is just and help make the world a better and safer place to live.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Miss Melody Grigg 140 Townsend Ln Santa Maria, CA 93455-3129 (805) 264-5021 melodymuzette@verizon.net

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 10:20 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Shannon Scott <<u>defenders@mail.defenders.org</u>>

Date: October 28, 2016 at 10:08:25 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Shannon Scott < shannon@shannonscottdesign.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Shannon Scott PO Box 573 Los Olivos, CA 93441-0573 shannon@shannonscottdesign.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 10:21 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Dwight Lowell <defenders@mail.defenders.org>

Date: October 28, 2016 at 10:08:25 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Dwight Lowell <dwightlowell@me.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mr. Dwight Lowell 615 Stonehouse Ln Santa Barbara, CA 93108-1547 (805) 565-8596 dwightlowell@me.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 10:40 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Miles McLennan < defenders@mail.defenders.org >

Date: October 28, 2016 at 10:38:33 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Miles McLennan < mwmcl3@cox.net >

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mr. Miles McLennan 946 Saint Marys Ln Santa Barbara, CA 93111-1035 (805) 967-0560 mwmcl3@cox.net

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 10:41 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Arielle Christner < defenders@mail.defenders.org >

Date: October 28, 2016 at 10:38:33 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Arielle Christner < lionessofel@yahoo.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Arielle Christner 525 W Los Olivos St Santa Barbara, CA 93105-4216 lionessofel@yahoo.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 10:41 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Barbara Boros < defenders@mail.defenders.org>

Date: October 28, 2016 at 10:38:33 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Barbara Boros < boros1@me.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Barbara Boros 3733 Mariana Way Apt B Santa Barbara, CA 93105-6409 boros1@me.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 10:42 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Crissy Slaughter < defenders@mail.defenders.org>

Date: October 28, 2016 at 10:38:28 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Crissy Slaughter < <u>criffy@hotmail.com</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Crissy Slaughter 219 Balboa Dr Santa Barbara, CA 93109-1801 (805) 962-3658 criffy@hotmail.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:18 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Lisabette Brinkman <defenders@mail.defenders.org>

Date: October 28, 2016 at 11:08:47 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Lisabette Brinkman < brinkstock@gmail.com >

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Lisabette Brinkman 308 E Anapamu St Santa Barbara, CA 93101-1304 <u>brinkstock@gmail.com</u>

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:19 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: D Davies < defenders@mail.defenders.org > Date: October 28, 2016 at 11:08:41 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: D Davies <<u>daviesod@silcom.com</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. D Davies 9 Vereda Cordillera Goleta, CA 93117-5301 daviesod@silcom.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:20 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Matthieu Vigliano <defenders@mail.defenders.org>

Date: October 28, 2016 at 11:08:30 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Matthieu Vigliano <<u>matthieu.vigliano@me.com</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mr. Matthieu Vigliano 78 avenue Léo Lagrange Livry Gargan, None 93190matthieu.vigliano@me.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:20 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Nancy Miller < defenders@mail.defenders.org>

Date: October 28, 2016 at 11:08:36 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Nancy Miller < <u>sistergh1976@gmail.com</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

Do the right thing.

Deny the Pacific Coast Energy Company's oil drilling project. The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Nancy Miller 411 Poppinga Way Santa Maria, CA 93455-4201 sistergh1976@gmail.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:20 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: "J. Lawrence" < defenders@mail.defenders.org>

Date: October 28, 2016 at 11:08:41 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: "J. Lawrence" < jblaw6@cox.net>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. J. Lawrence 249 Moreton Bay Ln Unit 1 Goleta, CA 93117-6215 (805) 967-3183 jblaw6@cox.net

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:21 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Kimberly Sven-Brown <defenders@mail.defenders.org>

Date: October 28, 2016 at 11:08:36 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Kimberly Sven-Brown < kim@thompsonnaylor.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mrs. Kimberly Sven-Brown 2751 Foothill Rd Santa Barbara, CA 93105-2901 (805) 682-6905 kim@thompsonnaylor.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:23 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Kathleen Devaney < defenders@mail.defenders.org>

Date: October 28, 2016 at 11:08:30 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Kathleen Devaney < teddyfan4ever@msn.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Kathleen Devaney 109 Sierra Vis Solvang, CA 93463-2924 teddyfan4ever@msn.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:44 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Sonja Malmuth <defenders@mail.defenders.org>

Date: October 28, 2016 at 11:38:39 AM PDT

To: Salud Carbajal <SupervisorCarbajal@sbcbos1.org>

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Sonja Malmuth <malmuth@aol.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mrs. Sonja Malmuth 3955 Indian Way Santa Ynez, CA 93460-9675 (805) 686-4391 malmuth@aol.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 11:45 AM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Ronit Corry < defenders@mail.defenders.org>

Date: October 28, 2016 at 11:38:33 AM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Ronit Corry < <u>ronit@worldshare.net</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Ronit Corry 1711 Pampas Ave Santa Barbara, CA 93101-4617 ronit@worldshare.net

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 1:07 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Judith Falck-Madsen <defenders@mail.defenders.org>

Date: October 28, 2016 at 12:38:44 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Judith Falck-Madsen < judithfalckmadsen@gmail.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mrs. Judith Falck-Madsen 205 Ocean View Ave Carpinteria, CA 93013-3023 N.A. judithfalckmadsen@gmail.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 1:09 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Rebecca Wave < defenders@mail.defenders.org>

Date: October 28, 2016 at 12:38:44 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Rebecca Wave <<u>contact@rebeccawave.com</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Rebecca Wave 1503 Mission Canyon Rd Santa Barbara, CA 93105-2129 (805) 682-7457 contact@rebeccawave.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 1:09 PM

To:

sbcob

Subject:

Fwd: Envt Coal re PCEC (11/1 hearing)

Attachments:

EDC ltr re 2nd PCEC Appeal to BOS_2016_10_28.pdf; ATT00001.htm; Hannah-Beth

Jackson_PCEC Letter_2016-10-28.pdf; ATT00002.htm

Sent from my iPhone

Begin forwarded message:

From: "Linda Krop" < lkrop@environmentaldefensecenter.org **To:** "Linda Krop" < lkrop@environmentaldefensecenter.org>

Subject: Envt Coal re PCEC (11/1 hearing)

Hi,

I am providing EDC's comment letter, on behalf of SBCAN and Sierra Club, to the Board of Supervisors. If you would like the attachments, let me know – the full document with attachments is quite large so I didn't know if it would overtax anyone's email capacity.

Sierra Club and SBCAN are also submitting letters.

Finally, Senator Jackson submitted a very strong letter, which I am attaching.

Thank you,

LK

Linda Krop, Chief Counsel Environmental Defense Center 906 Garden Street Santa Barbara, CA 93101 Phone (805) 963-1622, x106 Fax (805) 962-3152

www.EnvironmentalDefenseCenter.org

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October 28, 2016

Board of Supervisors Santa Barbara County 105 E. Anapamu Street Santa Barbara, CA 93101

Re: <u>Denial of PCEC Appeal of Orcutt Hills Resource Enhancement Plan and</u>
Approval of Seep Can Only Alternative

Dear Honorable Supervisors:

The following comments are submitted by the Environmental Defense Center ("EDC") on behalf of the Sierra Club Los Padres Chapter ("Sierra Club") and Santa Barbara County Action Network ("SBCAN"), urging the Board of Supervisors ("BOS") to (I) support the Planning Commission ("Commission") decision, and deny Pacific Coast Energy Company's ("PCEC") appeal of the Commission's denial of the Orcutt Hill Resource Enhancement Plan ("Project"), and (II) approve the Seep Can Only Project. With respect to the Seep Can Only Project, we urge the BOS to require public notice when permits for future seep cans are issued.

EDC is a non-profit, public interest law firm that protects and enhances the environment in Santa Barbara, Ventura, and San Luis Obispo Counties through education, advocacy and legal action. The Sierra Club, a national nonprofit organization with roughly 146,000 members in California, is dedicated to exploring, enjoying, and protecting the wild places of the earth; to practicing and promoting the responsible use of the earth's ecosystems and resources; to educating and encouraging humanity to protect and restore the quality of the natural and human environment; and to using all lawful means to carry out these objectives. SBCAN is a countywide grassroots organization that works to promote social and economic justice, to preserve our environmental and agricultural resources, and to create sustainable communities. All of our clients have members who live, visit, work, and recreate in the area and would be affected by the Project.

At the October 11, 2016, BOS hearing for PCEC's appeal, the applicant submitted a letter that requested approval of the Final Environmental Impact Report's ("FEIR") Careaga Exclusion Alternative, and included a list of new project components in an attempt to mitigate some of the

October 28, 2016 PCEC Appeal of Orcutt Hills Enhancement Project Page 2 of 17

Project's impacts. Since neither the Staff, the BOS, nor the public had time to review this eleventh hour information, the hearing was continued to November 1, 2016, and staff was directed to provide an analysis of the new information presented to PCEC at the hearing, and a comparison of the Careaga Exclusion Alternative and the Careaga and California Tiger Salamander ("CTS") Exclusion Alternative.

However, after reviewing the November 1 Staff Report, it appears PCEC is slipping in another round of last minute project changes, providing the public with little more than 24 hours to review and submit timely comments to the BOS. For instance, the Staff Report erroneously asserts that PCEC presented to the BOS at the last hearing "a draft Habitat Conservation Plan and conservation easement" for the CTS, when there has been no prior public disclosure or description of a CTS conservation easement until now. Additionally, the Staff Report includes, in Table 1, new changes to the number of wells associated with each Alternative that are very different from the FEIR, citing only to "[P]ers. comm. with R. Breitenbach, PCEC. October 18, 2016" as authority. While these newly reduced well numbers are presented for comparison of the Careaga Exclusion Alternative and the Careaga and CTS Exclusion Alternative in the Staff Report, the Conditions of Approval for still allow for the drilling of all 96 new wells and all 48 replacement wells.

As the applicant, PCEC has already had years, and an infinite number of opportunities to change its Project and provide meaningful mitigation measures - yet they refused to do so. PCEC has had years to mitigate for the unlawful destruction of endangered species and loss of habitat on their site – yet they have refused to do so. PCEC has had years to clean up their oil operations – yet since 2010, they have been in the top 3 polluters for number of oil spills annually in our County. Instead of being distracted by last minute Band-Aids used to patch up a dirty and risky oil project, the BOS must deny the Project, direct the County to strengthen its enforcement practices and hold PCEC accountable for its current seeping operations.

As discussed in Section III, PCEC's "new information" does not actually serve to effectively mitigate any of the Project's Class I impacts, even when combined with the Careaga Exclusion Alternative or the Careaga and CTS) Exclusion Alternative. The evidence in the record is clear; PCEC's intensive oil extraction operations have resulted in nothing short of ninety-nine oil seeps, twenty-three oil spills, ten Notices Of Violations ("NOV"), and the loss of six acres of sensitive habitat and 360 endangered Lompoc Yerba Santa ("LYS") plants. Most importantly, PCEC has failed to follow through with its agreements to mitigate for these past violations. The FEIR provides substantial evidence that approval of any more cyclic steam drilling at this site will only bring more of the same pollution and failed promises. The only responsible action the BOS can take in the best interest of our community is to focus on enforcing PCEC's obligations to clean up the Project site and mitigate the loss of species and habitat from the company's existing operations.

EDC's letter will first include a summary of relevant Project facts in Section I. Sections II and III will comment on the value of the new information and provide an analysis of its impact in combination with two of the FEIR's alternatives, the Careaga Exclusion Alternative and the Careaga and CTS Exclusion Alternative. Section IV provides a summary table that accurately

compares the impacts and new information in each Project alternative. Section V identifies Comprehensive Plan inconsistencies with each alternative, and Section VI discusses the lack of evidence to sustain any finding that the Project's benefits would outweigh its significant and unavoidable impacts. Lastly, Section VII addresses deficiencies in the FEIR that preclude the BOS from certifying it.

I. Summary of Relevant Facts and New Information

- 1. PCEC has an extensive history of oil spills, in addition to the ninety-nine oil seeps on site.
 - According to the County's 2015 Report to the BOS on oil spills, between 2010 and 2015 PCEC had twenty-three Crude Oil Spills and ten Notices of Violations; ¹
 - Nineteen of these reported crude oil spills are in addition to the ninety-nine seeps to date;²
 - PCEC has been in the top three for highest number of crude oil spills in the County in the last five out of six years, out of the twenty to twenty-five onshore oil operators in Santa Barbara County from 2010-2015, surpassing Greka Oil and Gas, Inc. in total amount of petroleum fluids released.³
 - In 2015, PCEC was #1 in the County for having the highest number and volume of crude oil spills.⁴
- 2. The FEIR concludes that oil seeps, spills, cracks and surface expressions are expected to continue whether drilling on or off the Careaga formation, if any of the Project alternatives are approved.
 - PCEC's cyclic steam drilling has substantially increased the frequency of oil seeps on the Project site and these seeps have occurred both on and off the Careaga formation. (FEIR at 2-14) The FEIR also concludes that oil seeps will still occur even if the applicant drills wells off the Careaga formation. (FEIR at 5-7)
 - "[W]hile seep activity has been reduced, the rate of 5 seeps in the year 2015 indicates that seep activity is continuing, even after the extensive modifications and monitoring implemented by PCEC. In addition, the most recent seeps have occurred in the south

_

¹ Errin Briggs, Energy Specialist, Energy Division, *Briefing on Oil and Gas Development in Santa Barbara County* (September 2, 2015); email from Errin Briggs with updated spill report for 2015. (Attachment A)

² Email from Errin Briggs, Energy Specialist, County of Santa Barbara, to Alicia Roessler, Staff Attorney, Environmental Defense Center (October 21, 2016).

³ See Attachment A.

⁴ *Id*.

portion of the field, where the Careaga tar zone is deeper. Many of the seeps have occurred in areas where the Careaga tar zone is deeper." (FEIR at 10-Applicant-35)

- An increase in oil seeps at this site has been created as a result of steam injection induced ground uplift, or heaving, and surface cracks have been observed on site and occur at almost every pod where PCEC has drilled to date. These cracks have also caused an increase in oil seeps and are related to PCEC's injection of excessive steam and water into the ground. The risk from these cracks and oil seeps can occur whether drilling on or off the Careaga formation. (FEIR at 4.8-12-13)
- Whether PCEC drills on or off the Careaga formation, the potential for surface expressions of oil (which result from well equipment failures) remains unchanged and poses a significant impact to the site's numerous sensitive habitats and water resources. (FEIR at 4.8-13-14) PCEC's equipment failure has already caused four surface expressions of oil to date.
- PCEC has already closed and re-drilled nineteen steam injection wells due to uncontrolled seeps at Pods 1 and 3 that forced PCEC to shut down those wells. (FEIR at 2-12 & 4.8-10) Pod 1 had 50 seeps associated with it. (FEIR at 4.8-10) These nineteen re-drills were not authorized under the 2006 Mitigated Negative Declaration ("MND"), and were instead allowed with merely a Land Use Permit ("LUP"). (Attachment B)

3. PCEC's alleged Project "benefits" are illusory and not based on any evidence in the record.

- Economic benefit to the County is uncertain at best as future tax revenue cannot be predicted or relied upon, according to the County Assessor.
- To put it in perspective, using PCEC's annual combined property tax bill from all of its drilling activity on all of its Orcutt Hill parcels would still only amount to less than a fraction of a percent of Santa Barbara County's 2014 tax revenue. ⁵
- The Project only provides for the addition of temporary jobs lasting less than a year.

4. PCEC's cyclic steam drilling Project does require freshwater from local wells – 1.8 Million gallons.

• A total of 1.8 M gallons of freshwater will be use for drilling the Project's 144 new wells in one of the worst droughts in the history of Santa Barbara County. (FEIR at 4.8-17)

⁵ Robert W. Geis CPA Santa Barbara County Auditor – Controller, *Property Tax Highlights County of Santa Barbara Fiscal Year July 2013 to June 30*, 2014 (2014).

 PCEC (known as Breitburn in 2005) also operated a pilot cyclic steam drilling project on the Project site that used freshwater for its daily cyclic steam injection process purchased from the City of Santa Maria, as well as drilling.⁶

5. PCEC's draft Habitat Conservation Plan and/or "conservation easement" does not mitigate impacts to the CTS.

• The Habitat Conservation Plan ("HCP") application, or conservation easement, if approved, would still allow PCEC's Project to destroy the same CTS upland habitat on the Project site that the FEIR classified as a Class I impact. As stated by the County in the November 1, 2016 staff Report, an application for a draft HCP/conservation easement does not reduce or avoid this impact identified in the FEIR.

6. PCEC cannot buy a Class II Impact to the LYS.

- PCEC's operations have already destroyed 360 endangered LYS without notifying or consulting with US Fish and Wildlife Service ("FWS") or California Department of Fish and Wildlife ("CDFW"), and PCEC has violated its agreement with Santa Barbara County to mitigate this loss at a ratio of 10:1. (FEIR at 4.3-48)
- The FEIR concludes that impacts to LYS are significant and unavoidable; agreeing to fund a non-existent project to propagate and restore LYS a feat not ever successfully done in the wild does not constitute feasible or effective mitigation.

II. The Project, the Careaga Exclusion Alternative and the Careaga and CTS Exclusion Alternative All Have Remaining Class I Significant and Unavoidable Impacts.

Both of the Alternatives will still involve many of the same Project components, such as species and habitat removal from pad expansions, the construction and installation of 10,000 feet of pipeline, and the continuation of oil seeps, oil spills, surface expressions and cracks that occur as a result of cyclic steam drilling both on and off the Careaga formation. As a result, approval of either of these Project Alternatives would result in the same Class I impacts to endangered species, sensitive habitats and water quality, as confirmed by the November 1, 2016 Staff Report in Table 1. These impacts would be compounded and cumulatively considerable given PCEC's failure to mitigate for the destruction of habitat and species from its existing operations spanning the last ten years.

A. The Careaga Exclusion Alternative still results in the same Class I impacts.

EDC's October 6, 2016, letter corroborates the October 11, 2016, Staff Report and FEIR's conclusions that the Careaga Exclusion Alternative will still result in Class I impacts to Water Quality and Hydrology and Biological Resources, including CTS habitat and impacts to LYS. In fact, the FEIR concludes that each of the Project Alternatives that involves drilling

⁶ BreitBurn Energy Orcutt Hill Diatomite Project, Revised Final MND, p. 9.

additional wells using cyclic steam technology would result in significant and unavoidable impacts from future oil seeps, surface expressions and spills. (FEIR at 5-7)

As the October 11, 2016, Staff Report discloses, the Careaga Exclusion Alternative, which precludes drilling on the Careaga formation, does not eliminate potential impacts from seeps as falsely alleged in PCEC's appeal. (PCEC Appeal, Attachment A, p. 2; see Staff Report at pp. 3, 5) Several seeps have already occurred outside the Careaga formation from existing cyclic steam wells. (FEIR at 5-9) The FEIR's analysis of this Alternative concluded that there is still potential for additional future seeps from drilling outside the Careaga formation and cited to several seeps that occurred near the proposed Project wells outside the Careaga zone. (FEIR at 5-7). Moreover, an increase in oil seeps at this site has also been created as a result of steam injection induced ground uplift, or heaving, and surface cracks have been observed on site and occur at almost every pod where PCEC has drilled to date. (FEIR at 4.8-12-13) These cracks are related to PCEC's injection of excessive steam and water into the ground. (FEIR at 4.8-12-13) The risk from these cracks and oil seeps can occur whether drilling on or off the Careaga formation. (FEIR at 4.8-12-13) As a result, the FEIR identifies the same Class I impacts for this alternative as it does for the Project.

Additionally, the potential for surface expressions is not eliminated or reduced by approving the Careaga Exclusion Alternative, as they originate from the Diatomite formation and not the Careaga zone. (FEIR at 5-7) PCEC has already had four surface expressions from well casing failures that resulted in a surface fracture, steam release and oil spilling onto the surface. (FEIR at Appendix A, p. 1629). Thus, this Alternative would not reduce impacts caused by surface expressions.

B. The Careaga and CTS Exclusion Alternative still results in the same Class I Impacts.

The November 1, 2016, Staff Report and the FEIR conclude that this Alternative would still result in Class I impacts to CTS, Water Quality and LYS.⁷ (FEIR at 5-17) Per USFWS's recommendation, the FEIR was corrected to identify that CTS range 1.3 miles (not 2,200 ft.) from breeding ponds – which encompasses the entire Project site. (FEIR at 4.3-17, 4.3-29) Although no pods or wells would be installed within the 2,200 foot buffer zone surrounding breeding ponds under this Alternative, it would still allow for destruction of upland CTS habitat between 2,200 feet and 1.3 miles from ponds from the construction of pods, pipelines, and the potential for oil seeps and spills. (FEIR at 5-17) The FEIR's Mitigation Measure 1a was not corrected to mitigate impacts to CTS upland habitat within 1.3 miles of ponds. As a result, this measure would only mitigate lost habitat within 2,600 feet of ponds, and thus would not mitigate the majority of upland CTS habitat destroyed by drilling on this site. (FEIR at 4.3-54)

⁷ Glenn Russell, Director of SB County Planning and Development, Staff Report re PCEC Orcutt Hill Enhancement Plan Project at 3 (November 1, 2016).

III. PCEC's New Information Fails to Avoid or Significantly Reduce Class I Impacts to the Endangered CTS and Lompoc Yerba Santa.

PCEC's new mitigation measures — an unapproved application for a draft Habitat Conservation Plan for the CTS, and payment into an unknown "research" fund for Yerba Santa - do too little too late and fail to avoid or reduce the Project impacts to less than significant.⁸

A. PCEC's application for an HCP does not mitigate Class I impacts to CTS habitat.

The entire Project site is upland habitat for the endangered CTS and many aspects of drilling on this constrained project site will result in a significant and unavoidable Class I impact to the CTS habitat. (FEIR at 4.3-42-43) PCEC's existing steam drilling has already destroyed over six acres of CTS habitat from oil seeps and spills. Part of the new information PCEC presented at the last hearing was put forth in an effort to mitigate impacts to CTS. PCEC's new information consisted of a letter from USFWS confirming that on October 5, 2016, PCEC submitted a last minute permit application for an Incidental Take Permit for the endangered CTS and a "draft" HCP.

Contrary to PCEC's claims, a draft HCP does not meet CEQA's standard for mitigation, as confirmed by County Counsel at the October 10 BOS hearing. The proposed draft HCP is speculative and uncertain, as it is merely an application for an HCP, and according to USFWS may never be approved or may be very different than currently envisioned. ¹⁰

Moreover, the HCP application would fail to mitigate impacts to the CTS because:

- 1. The HCP application, if approved, coupled with the Project, would still result in a net loss of CTS upland habitat. The HCP, if approved, would still allow PCEC to destroy the same CTS upland habitat, where CTS spend a majority of their time. In exchange, the HCP application allegedly proposes to protect lowland breeding habitat plus some upland habitat that is located offsite, "adjacent to the Project location." It is not yet known which geographical area will be encompassed by the draft. The Class I impact to CTS habitat identified in the FEIR is from loss of *upland* habitat. As staff (Erin Briggs) stated at the October 11, 2016 BOS hearing, protecting or managing lowland breeding ponds *does not mitigate for loss of CTS upland habitat on the Project site*.
- 2. The HCP, if approved, would still authorize PCEC's operations to kill or otherwise harm CTS.

⁹ Letter from Shivaun Cooney, Latham & Watkins LLP, to SB County BOS (October 7, 2016).

Letter from USFWS Letter to Errin Briggs, County of Santa Barbara (October 5, 2016).

⁸ *Id*

¹⁰ Email from Colette Thogerson, Assistant Field Supervisor, USFWS to Brian Trautwein, Environmental Analyst/Watershed Program Coordinator, Environmental Defense Center (October 14, 2016).

3. The draft HCP is intended to only protect CTS breeding ponds adjacent to the Project site, which are already protected under the Endangered Species Act. Thus, PCEC is not adding any further protection to the CTS by agreeing to not destroy CTS habitat in the offsite HCP area.

B. PCEC's new information does not mitigate impacts to Lompoc Yerba Santa.

A mitigation measure must be feasible and able to minimize significant adverse impacts, and there must be substantial evidence in the record showing that the measure will be effective. CEQA Guidelines section 15126.4(a)(2); *Sierra Club v. County of San Diego* (2014) 231 Cal App 4th 1152; *see also Federation of Hillside & Canyon Associations v. City of Los Angeles*, 83 Cal.App.4th 1252 (2000). At the last hearing PCEC presented a proposed mitigation measure to donate \$25,000 per year for five years to support research to determine whether LYS can be propagated in the wild. However, \$125,000 does not ensure that LYS restoration will be viable and that the loss of any LYS will actually be mitigated. In fact, the evidence in the record from the FEIR shows that LYS has never been restored in the wild and that it is highly unlikely. (FEIR at 4.3-54) LYS propagation was recently attempted by PCEC and the Santa Barbara Botanic Garden ("Garden"), but, according to the correspondence from the Garden, efforts failed. The USFWS also informed the County that LYS restoration in the wild has never been successful. Funding research does not ensure successful restoration and does not buy a Class II Impact to LYS. Thus, as noted in the Staff Report, PCEC's attempt to fund LYS research does not serve as legally sufficient mitigation for the Project's Class I impact to this species.

Moreover, there is no evidence that LYS "increased to nearly 300%" on the Project site, as falsely asserted by PCEC. ¹⁵ According to the County's contracting biologist, the 2016 survey, which included the entire Project site, covered a considerably larger area than the 2008 survey, which included only part of the Project site. ¹⁶ This population is uniquely adapted to the Project site's warmer, drier conditions and is therefore essential to the species' survival during climate disruption. ¹⁷ However, as already discovered during PCEC's prior steam drilling on the Project site, LYS exists under serious threat from ongoing seeps.

¹² Ia

¹³ Email from Denise Knapp, Ph.D, Director of Conservation and Research, Santa Barbara Botanic Gardens, to Brian Trautwein, Environmental Analyst / Watershed Program Coordinator, EDC (June 17, 2016).

¹⁴ Letter from USFWS, to County of Santa Barbara, Comment letter on Draft EIR for PCEC, at 9–10 (April 3, 2015).

¹⁵ Letter from Shivaun Cooney, Latham & Watkins LLP, to SB County BOS (October 7, 2016).

¹⁶ Letter from Rebecca Alvidrez, Staff Biologist/ Botonist, Chambers Group, to Phil Brown, PCEC, at 1-2 (June 24, 2016); See also PCEC testimony to BOS, on October 11, 2016, where PCEC acknowledged that the survey areas encompassed different acreages; see also email from Peter Cantle, Santa Barbara County Energy Division to Brian Trautwein, Environmental Analyst/Watershed Program Coordinator, forwarding email from County contracting biologist John Storrer to Peter Cantle, Santa Barbara County Energy Division, noting that differences in survey methods and areas surveyed is "an issue when making such comparisons (i.e. differences in survey method could influence results)" (October 6, 2016) see Attachment C.

¹⁷ Letter from USFWS at 7 - 8.

IV. Comparison of Impacts Regarding Project Alternatives, New Information and Existing Operations.

The following table provides a summary comparison of impacts from the proposed Project, the Careaga Exclusion Alternative, the Careaga & CTS Exclusion Alternative, the new information presented by PCEC, and existing operations.

| | Project | Careaga Excl. Alt. | Careaga & CTS Excl. | New Information | PCEC's existing operations on site |
|---|---|-----------------------|---------------------|--|--|
| Impacts to endangered Lompoc Yerba Santa | Class I | Class I | Class I | Class I Does not mitigate loss of species | 360 LYS destroyed; Failed to notify USFWS or CDFG of "take;" |
| | | | 6 | | Failed to conduct required mitigation for LYS in the 2006 MND. |
| Impacts to CTS Habitat | Class I | Class I | Class I | Class I Does not mitigate loss of upland habitat | 6.09 acres of habitat loss to sensitive species - including CTS |
| Impacts to Hydrology & Water Quality | Class I | Class I | Class I | Class I | Unknown; likely significant given history of spills, seeps and surface expressions |
| Requires use of freshwater? | Yes – 1.8 Million Gallons used to drill 144 wells | Yes | Yes | Yes | Yes – for both steam generation and drilling in 2005 and 2006 projects |
| Oil seeps | Yes | Yes | Yes | Yes | 99 to date |
| Oil Surface Expressions | Yes | Yes | Yes | Yes | 4 |
| Oil spills | Yes | Yes | Yes | Yes | 23 oil spills from 2010-2015 |

V. The Project, the Careaga Exclusion Alternative and the Careaga and CTS Exclusion Alternative Are Not consistent with the County's Comprehensive Plan.

EDC's June 27 and October 6 letters, and the October 11 Staff Report identify an inconsistency with Comprehensive Plan Land Use Element Hillside and Watershed Policy #2 because "the Project will result in significant and unmitigable impacts to the site's natural features and native vegetation, including Lompoc yerba santa, and trees including Southern Bishop pine stands, which will not be preserved to the maximum extent feasible." ¹⁸ There is substantial evidence in the record that both Alternatives will still cause the same Class I impacts, and that PCEC cannot conduct cyclic steam drilling on this site without continuing and expanding a nuisance situation from oil seeps and spills. Thus, any project that allows additional drilling on this site will conflict with this Comprehensive Plan policy.

The Project is also inconsistent with Land Use Element Hillside and Watershed Policy #7 becase seeps and spills will impact the water quality of nearly streams and wetlands.

Finally, EDC's June 27 letter also identifies several inconsistencies with the Project and the Conservation Element and the Orcutt Community Plan that also hold true for both the Careaga Exclusion Alternative and the Careaga and CTS Exclusion Alternative due to the loss of sensitive species and habitat from past and future oil seeps and spills, and grading and pipeline construction.

VI. Statement of Overriding Considerations: There is No Evidence in the Record to Prove the Project or Alternatives will have Any Benefits that Outweigh the Significant and Unavoidable Impacts.

In order for an agency to approve a project which identifies one or more significant environmental effects the agency must make findings supported by substantial evidence in the record. Pub. Res. Code § 21081; CEQA Guidelines § 15091. For the Project at hand, the findings fail to acknowledge several Class I impacts (described in EDC June 27, 2016 letter to the Planning Commission) and are not supported by the evidence.

For example, in addition to the Project site's existing ninety-eight oil seeps, and the resulting impacts to six acres of native habitat and 360 destroyed and lost Yerba Santa plants, the FEIR discloses that PCEC's drilling expansion Project will add four Class 1 impacts: 1) to Sensitive Species for the federally endangered Lompoc Yerba Santa; 2) to Sensitive Species Habitat for the federally listed endangered CTS and Lompoc Yerba Santa; 3) to Hydrology/ Water Quality from more potential seeps and surface expressions that could contaminate our local surface and groundwater; and 4) to Hydrology/Water Resources from leaks and/or ruptures from the facility or pipelines. (FEIR, ES-14-15 and ES-23 - 24) However, as discussed in EDC's June 26 letter, the FEIR also failed to disclose additional Class I impacts to: 1) Air Quality from failure to accurately describe environmental setting and disclose air emissions; 2) Air Quality

¹⁸ October 11, 2016 Staff Report, Attachment 1, Findings for Project Denial.

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from deadly H2S emissions; 3) Biological Resources resulting from potential take of the CTS and Lompoc Yerba Santa and inadequate mitigation; 4) Biological Resources from the effect of spills, surface expressions and seeps on Federal Wetlands, Wildlife Migration Corridors and Plants and Wildlife; and 5) Biological Resources from impacts to the Bishop Pine Forest.

In light of the identified Class I impacts, the proposed Statement of Overriding Considerations in Attachment 1 to the November 1, 2016, Staff Report puts forth many alleged Project benefits that lack any support or evidence in the record, including five "economic benefits," benefits to the CTS and LYS, and benefits to Air Quality. In order to approve the Project in accordance with CEQA, the BOS must make findings, based on substantial evidence, that these benefits outweigh the unavoidable adverse environmental degradation from the Project's multiple Class I impacts. CEQA Guidelines § 15093.

As shown below, the "benefits" identified, however, are not supported by *any* evidence, let alone substantial evidence. Substantial evidence must be based on fact and does not include "speculation" or "unsubstantiated opinion or narrative." CEQA Guidelines § 15384.

1. Economic Benefit – Domestic Oil & Gas Production

The Findings propose that the Project will "contribute' to domestic oil and gas production in an effort to meet the State's demand for fossil fuels while it continues to search for strategies to reduce its carbon footprint. In essence, the Finding suggests that PCEC's proposed 100M investment into fossil fuels and this Project, and all the environmental damage that results, is necessary to help California ultimately reduce its carbon footprint. Needless to say, there is no evidence to support this Finding. Moreover, the Project will only minimally contribute to domestic oil and gas production. According to the U.S. Energy Information Administration, US oil production in 2015 was 9,431,000 bpd and California's oil production was 553,000 bpd - which means all the oil production combined in CA contributes only 5.86% to domestic production, while the Project's oil production is just a drop. ¹⁹

Interestingly, the FEIR's Project Description fails to disclose precisely how many bpd the Project's 96 wells will actually contribute and instead discloses an inflated number of 3600 bpd because it combines both existing and new wells, counting oil production from 192 wells in total. There is **no** evidence of the production from this Project, so it is impossible to make a finding as to the Project's effect on California's energy supply. Even the combined production – 3600 bpd – is less than 1% of the State's oil supply.

2. Economic Benefit – Addition of Temporary and Construction Jobs

The Finding makes a very broad statement that the Project will provide for 35-75 "temporary" construction and drilling jobs for contractors. There is **no** evidence to support how

¹⁹ US Energy Institute Administration, Crude Oil Production 2010-2015, https://www.eia.gov/dnav/pet/pet_crd_crpdn_adc_mbblpd_a.htm, viewed on June 27, 2016.

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as little as 35 temporary jobs filled by potentially non-local contractors could offer a meaningful economic benefit.

3. Economic Benefit – Addition of Direct Permanent Jobs

This Finding concedes that the oil and gas industry is "more capital intensive than labor intensive" — meaning these companies invest far less in people than they do equipment. Regardless, this Finding fails to disclose exactly how many direct permanent jobs will be added from **this** Project, and only discusses that PCEC employs 50-55 people for **both** existing and new operations on all of its parcels on Orcutt Hill field, and that the balance of those positions are for contractors (not a direct permanent job) with no identification as to whether they are even local hires. Thus, there is **no** evidence to support a Finding based on new jobs from the proposed Project.

4. Economic Benefit – Indirect and Induced Job Creation

Again, there is <u>no</u> Project specific information given to support this Finding, only a vague discussion of how the "oil and gas industry creates forwards and backwards linkages in the economy." The only evidence cited is a Study summing up the entire onshore oil and gas industry.

5. Economic Benefit – Increase Property Tax to County

This Finding states that no estimate of annual property tax revenue can be generated for the Project; thus it admits there is <u>no</u> evidence to support that there is a project specific economic benefit to support the SOC. The County's June 9, 2016, Staff Report confirmed that the Assessor's office is unable to provide any estimates of future tax revenues. The Staff Report then discloses that PCEC has in the past paid between \$2.7 and \$4.7 million between 2012 and 2015 for "all of PCEC's oil and gas operations on Orcutt Hill" – not just existing activities limited to the Project's parcel. This distinction is important and should not be misused to inflate or forecast any speculative increase in property taxes as a result of this Project. To put it in perspective, even using all of PCEC's property taxes from all of their drilling activities on all of their Orcutt Hill parcels, would still only amount to less than a fraction of a percent of Santa Barbara County's 2014 property tax revenue, which raised \$651 million.²¹ Thus, any increase in expected property tax from the Project would be less than a fraction of one percent of the County's property tax revenue.

6. Local Economic Benefit - Project Labor Agreement

According to this Finding, a new Project Labor Agreement binds PCEC to give future, temporary, short-term, construction jobs to local union workers; however, there is no evidence in

²⁰ Staff Report, Attachment 1 at 9 (November 1, 2016)

²¹ Robert W. Geis CPA Santa Barbara County Auditor-Controller, *Property Tax Highlights County of Santa Barbara Fiscal Year July 1 2013 to June 30. 2014* (2014), attached hereto as Attachment C.

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the record that supports this statement. There is also no evidence in the record that the number of jobs covered by this agreement, and what percentage of PCEC's workforce was actually hired locally, and how many of those jobs provide long-term, high paying employment. In comparison, there is substantial evidence in the record documenting the numerous significant environmental impacts if PCEC's project is approved. In any event, these jobs would last less than a year, as compared to the many years the Project will have a devastating impact on the environment.

7. Benefit to CTS - no benefit at all

The Project and Alternatives all result in Class I impacts to CTS habitat. As discussed above, and corroborated by County Counsel and the November 1, 2016, Staff Report, PCEC's last minute submission to USFWS of a draft HCP does not mitigate the Class I Impact to CTS Upland habitat on the Project site. If it cannot serve to lessen or avoid the Project's significant Class I impact to CTS, it certainly cannot be considered to "benefit" the CTS either. In other words, how can the Project simultaneously cause significant and unavoidable impacts to the CTS and then also serve to "benefit" the CTS? There is no evidence that could possibly support such an absurd finding.

Lastly, as mentioned above, there was no mention or disclosure of a proposed CTS "conservation easement" by PCEC at the last BOS hearing. It is not identified or discussed in the USFWS letter confirming PCEC's application for an HCP, nor was it disclosed in any of PCEC's letters. The only mention of this new alleged "benefit" is in the November 1, 2016, Staff Report. Still, there is no description of this new conservation easement, no agreement, no disclosure of terms, and certainly no evidence in the record that this phantom CTS conservation easement will provide such an astonishing benefit to the CTS that all of the Project's documented past and future impacts to CTS habitat will just be erased.

8. Benefit to LYS Fund - no benefit at all

As discussed above, there is no evidence in the record to support a finding that PCEC's proposal to fund another yet undefined, non-existent research project will serve to mitigate or double as benefit for a project that has Class I impacts to LYS. As stated earlier, there is no evidence in the record that shows LYS propagation in the wild is feasible, in fact, all the evidence proves that it is not.

9. GHG Mitigation to Zero – no benefit at all

Mitigating the Project's direct emissions to zero simply avoids a significant impact but does not provide a benefit. In addition, the mitigation does not reduce *indirect* emissions that will result from the processing, refining, transporting and consumption of the oil and gas produced by the Project.

As shown, there are no Project-specific benefits identified in the County's Findings, and no evidence in the record to support a SOC, only generic, unsupported statements pertaining to

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the oil and gas industry at large and a few nonsensical attempts to cast legally insufficient mitigation as a project benefit. No matter how you package it, PCEC's eleventh hour proposals do not serve as mitigation, and certainly do not pass muster as a Project benefit.

There is simply no legal basis for approval of this Project given the multiple Class I impacts that remain unmitigated and the lack of evidence in the record to support the County's findings per CEQA. When compared to PCEC's appalling history of oil seeps and spills, and the resulting species and habitat loss, the BOS cannot support a SOC based on the scarce evidence in the record of any benefit. None of PCEC's attempts to change the wrapping on the Project provide any real, documented, legally defendable benefits nor serve to as effective mitigation.

VII. The Final EIR cannot be certified.

The EIR is the "heart of CEQA;" it is the environmental alarm bell whose purpose is to alert the public and its responsible officials to environmental changes before they have reached ecological points of no return." *Citizens of Goleta Valley v. Bd. of Supervisors*, 52 Cal. 3d 553, 564 (1990) (citing CEQA Guidelines § 15003(a)); *County of Inyo v. Yorty* 32 Cal.App.3d 795, 810 (1973). Preparation of an adequate EIR is necessary "not only to protect the environment but also to demonstrate to the public that it is being protected." CEQA Guidelines § 15003(b). The requirements of CEQA must be interpreted so "as to afford the fullest possible protection to the environment within the reasonable scope of the statutory language." *Friends of Mammoth v. Bd. of Supervisors* 8 Cal.3d 247, 259 (1972).

In EDC's June 27, 2016, letter to the Planning Commission, we identified several deficiencies in the FEIR related to the failure to disclose and mitigate several impacts, which prevent certification pursuant to CEQA. In addition to those issues, recent information regarding PCEC's activities on site and its air emissions, and ensuing cumulative impacts are also given short shrift in the FEIR and further add to deficiencies in the FEIR.

For example, the FEIR fails to clearly and accurately disclose the Project's environmental setting and Project's air emissions. An EIR's description of the environmental setting should be comprehensive enough to allow the project's significant impacts "to be considered in the full environmental context." CEQA Guidelines §15125(a). The FEIR fails to disclose or describe the existence of PCEC's 2005 pilot steam injection project that was approved under an LUP and included a steam generator that used freshwater in both the drilling and injection and extraction process for three diatomite wells. (Attachment D). The freshwater for this steam generator was purchased from the City of Santa Maria, but no amount is disclosed in the 2005 LUP or the FEIR. Disclosure of this information is relevant to understanding the impacts of the Project by clearly identifying PCEC's existing use of freshwater and emissions on site. Notably, PCEC's 2006 MND that proposed 96 steam injection wells discussed this prior steam injection project in its Environmental Setting section. ²² The 2006 MND also stated that the existing steam generator

²² BreitBurn Energy Orcutt Hills Diatomite Project, Revised Final MND, November 8, 2006, p. 9.

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from the 2005 project would be retained and operated on site (near Pod 5) in addition to the three proposed steam generators for the 2006 project.²³

The 2006 MND also disclosed the emissions from this existing steam generator as 13.8 pounds of NOx per day, and 2.97 pounds of ROC per day. In the cumulative impacts section, the MND added those emissions to the 2006 Project's estimated NOx emissions of 50.35 pounds per day, and ROC emissions of 43.63 pounds per day. When added together, the total daily cumulative emissions from all four steam generators and the Project's operational emissions amounted to 64.15 lbs of NOx, and 46.6 lbs/day of ROC. 26

In contrast, the FEIR discloses no information about the 2005 steam generator and pilot steam well project, nor does it disclose how much fresh water was used and for how long. Recent communication with the County reveal this pilot steam generator was operating for the three original steam wells at the time of the FEIR's Notice Of Preparation; however none of this information was revealed in the FEIR, nor is it identifiable by the public when reviewing the FEIR.

Moreover, it is impossible to identify if and where the FEIR's baseline emissions for both criteria pollutants and greenhouse gases ("GHG") include emissions from the 2005 steam generator. It is also challenging to understand how the current Project's air emissions for operating the same number of wells as the 2006 project using the same steam generators are so low in comparison in the FEIR. For example, the daily projected NOx emissions in 2006 were 50.35 lbs and the daily projected ROC emissions were 43.63 lbs, whereas the FEIR's daily NOx emissions are 34.6 lbs, and ROC is 22.0 lbs. In reviewing the FEIR's Air Quality Technical report, none of these inconsistencies are explained. In fact, the Project's air emissions are not actually calculated, instead, the Project's air emissions are "assumed" to be the difference between PCEC's current air permit for the three steam generators and operational emissions from 2013 (used as the baseline). (FEIR at 4.1-20) The Project's "assumed" emissions for the steam generators is problematic and the results are nonsensical. It is impossible to understand the total air emissions, and resulting impacts, from the proposed Project taken as a whole.

The FEIR also lacks a meaningful, coherent cumulative impact discussion for air quality. CEQA mandates that EIRs must be written so that the public and decision makers can understand the information regarding proposed project impacts, and so decision makers can make intelligent decisions. CEQA Guidelines §§ 15140, 15151. The EIR for this Project fails to meet this mandate. Nowhere is there a discussion of the Project's estimated emissions added to the site's existing emissions and compared to a threshold. There is only a self-concluding discussion, lacking any sufficient detail, about how the Project would be consistent with the 2010 APCD Clean Air Plan. Under the FEIR's analysis it would be impossible for any new oil project to be inconsistent with the Clean Air Plan or considered cumulatively significant.

²³ *Id.* at 21-22.

²⁴ Id.

²⁵ *Id.* at 20.

²⁶ *Id.* at 20-22.

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Finally, as we noted to the Planning Commission, the GHG mitigation measure that allows PCEC to pay an unknown fee toward an unstudied and non-existent County "Hydrogen Infrastructure and Vehicle Program" which "could" be studied by the County or APCD at some unknown future date violates CEQA's prohibition of uncertain, deferred and speculative future mitigation plans. Instead, CEQA requires that mitigation measures must be identified and fully enforceable, and shall not be deferred unless it is *infeasible* to specify the measures in the EIR. Pub. Res. Code § 21081.6(b); CEQA Guidelines § 15126.4(a)(1)(B); Communities for a Better Environment v. City of Richmond (2010) 184 Cal.App.4th 70, 90-96; Federation of Hillside and Canyon Assns v. City of Los Angeles (2000) 83 Cal.App.4th 1252, 1260-1262 (mitigation measures should be implemented as conditions on development); San Joaquin Raptor Rescue Center v. County of Merced, 149 Cal.App.4th 645, 668-672 (2007) (formulation of specific mitigation measures shall not be deferred if it is feasible to identify them in the EIR).

As the court held in CBE v. City of Richmond,

This mitigation plan for greenhouse gases is similarly deficient. Here, the final EIR merely proposes a generalized goal of no net increase in greenhouse gas emissions and then sets out a handful of cursorily described mitigation measures for future consideration that might serve to mitigate the 898,000 tons of emissions resulting from the Project. No effort is made to calculate what, if any, reductions in the Project's anticipated greenhouse gas emissions would result from each of these vaguely described future mitigation measures. Indeed, the perfunctory listing of possible mitigation measures set out in Mitigation Measure 4.3–5(e) are nonexclusive, undefined, untested and of unknown efficacy. The only criteria for "success" of the ultimate mitigation plan adopted is the subjective judgment of the City Council, which presumably will make its decision outside of any public process a year after the Project has been approved. Fundamentally, the development of mitigation measures, as envisioned by CEQA, is not meant to be a bilateral negotiation between a project proponent and the lead agency after project approval; but rather, an open process that also involves other interested agencies and the public.

CBE v. City of Richmond, 184 Cal.App.4th at 93. Similarly, in this case the FEIR generally identifies potential mitigation measures but then improperly defers formulation of specific mitigation measures, and removes the topic from the public purview. (FEIR at 4.2-29-30) The FEIR lacks any analysis regarding the effectiveness of the proposed measures, and fails to provide any measures that can be implemented as enforceable project conditions. The FEIR thus violates the mitigation requirements of CEQA.

Conclusion

We urge the BOS to deny PCEC's appeal and support the Commission, the Staff and our community and protect our air, water and wildlife from further, certain damage from PCEC's reckless and damaging seeps and oil spills. We urge the BOS to deny PCEC's request to add any

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more wells to this site, and instead request that the County correct its lapse in enforcement and hold PCEC accountable for not mitigating for its unlawful destruction of LYS and CTS habitat.

We recommend that the BOS move forward with the Seep Can Only proposal and require PCEC to immediately mitigate impacts from the existing oil wells and resulting seeps and spills. We also urge the BOS to require public notice of all future spills, seeps and surface expressions.

Thank you for your consideration of these comments and concerns.

Sincerely,

Alicia Roessler Staff Attorney

Brian Trautwein

Environmental Analyst

cc:

Sierra Club

SBCAN

Attachments:

A: SB County Oil Spill Report for 2010-2015 B: PCEC 2011 LUP for 19 Steam well re-drills C: Email from Peter Cantle to Brian Trautwein D: PCEC 2005 LUP for Pilot Steam Project CAPITOL OFFICE STATE CAPITOL, ROOM 2032 SACRAMENTO, CA 95814 TEL 916 651-4019 FAX 916 651-4919

SANTA BARBARA COUNTY OFFICE 222 É. CARRILLO STREET SUITE 309 SANTA BARBARA, CA 93101 TEL 805-965-0862 FAX 805-965-0701

VENTURA COUNTY OFFICE 300 E. ESPLANADE DRIVE SUITE 430 OXNARD, CA 93036 TEL 805-988-1940 FAX 805-988-1945

California State Legislature

SENATOR HANNAH-BETH JACKSON

NINETEENTH SENATE DISTRICT



SENATE JUDICIARY
JOINT LEGISLATIVE COMMITTEE

ON EMERGENCY MANAGEMENT

VICE CHAIR CALIFORNIA LEGISLATIVE WOMEN'S CAUCUS

COMMITTEES
BUDGET & FISCAL RÉVIEW
ENVIRONMENTAL QUALITY
ELECTIONS & CONSTITUTIONAL
AMENDMENTS

JOINT COMMITTEES
FAIRS, ALLOCATION
& CLASSIFICATION
LEGISLATIVE AUDIT

NATURAL RESOURCES & WATER

October 26, 2016

Santa Barbara County Board of Supervisors 105 East Anapamu Street Santa Barbara, CA 93101

Re: Opposition to Pacific Coast Energy Company's Proposed Orcutt Hill Resource Enhancement Plan

Dear County Supervisors:

As the State Senator representing the 19th Senate District, which includes the proposed Orcutt Hill Resource Enhancement Plan project area, I am writing in opposition to Pacific Coast Energy Company's (PCEC) appeal and to support the Planning Commission's decision to protect Santa Barbara County from further damage caused by PCEC's oil seeps and spills. I have long been a believer that if you don't drill, you can't spill. PCEC's proposal to expand their cyclic steam operation, by adding 96 new cyclic-steamed wells and 48 replacement wells, represents a step backwards in the fight for green energy and greater environmental protection.

Over the past eight years, PCEC has needed nearly 100 emergency permits from the County due to oil seeps and spills. Keeping this track record in mind, the Santa Barbara Planning Commission carefully considered this project and rejected it because of the significant impacts it will have to air quality, endangered and sensitive species, critical habitat and water quality. The type of oil extraction utilized by PCEC – cyclic steam injection – has a high well casing failure rate, which has led to eruptive well failures at Orcutt Hill.

The proposed project site is biologically diverse and I believe we should all be fighting to protect the sensitive natural resources and species that are native to this part of Santa Barbara County. For example, the endangered California Tiger Salamanders that are present in the project area have the potential to be negatively impacted by oil seeps, as well as the rare and imperiled plants that are native to this area. The environmental review found significant and unavoidable risks to our precious water resources, particularly the creeks on the project site that flow to the San Antonio Lagoon and Pacific Ocean. Our experience with the recent Refugio Oil Spill should serve as a poignant reminder of the imminent risk associated with oil drilling and production in Santa Barbara County. We simply can't afford to increase the chances of a similar incident occurring in such a sensitive habitat.

The State of California has long been a leader in the fight against climate change. Just this year, I voted to support Senate Bill 32, which will require California to reduce its greenhouse gas emissions to 40 percent below 1990 levels by 2030. In order to achieve this ambitious goal, we should be working collectively to reduce our dependence on fossil fuels and to shift towards utilizing increased sources of green energy. PCEC's proposed project moves us even further away from the type of future Californians are striving for.

For all of these reasons, I strongly urge the Board of Supervisors to deny PCEC's appeal. The potential environmental harm associated with expanding PCEC's cyclic steam drilling operations on Orcutt Hill represents too great a risk. Thank you in advance for your consideration. If you need further information, please feel free to contact my District Representative Allison Maginot in my Santa Barbara District Office at 805-965-0862.

Sincerely

HANNAH-BETH JACKSON Senator, 19th District

HBJ:am

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 1:12 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Robin Rigoli <defenders@mail.defenders.org>

Date: October 28, 2016 at 12:08:33 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Robin Rigoli <rulikeminded2@yahoo.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Robin Rigoli 349 Moreton Bay Ln Unit 2 Goleta, CA 93117-6243 (503) 585-8121 rulikeminded2@yahoo.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 1:12 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Edith Ogella <<u>defenders@mail.defenders.org</u>>

Date: October 28, 2016 at 12:08:33 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Edith Ogella <edithogella@msn.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Edith Ogella 4868 Rhoads Ave Santa Barbara, CA 93111-2847 (805) 964-7457 edithogella@msn.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 1:12 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Shirley Jensen < defenders@mail.defenders.org>

Date: October 28, 2016 at 12:08:33 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Shirley Jensen < weaver86@comcast.net>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

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It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mrs. Shirley Jensen 230 Capitol Dr Santa Maria, CA 93454-5304 (805) 631-5906 weaver86@comcast.net

From: Kovacs, Naomi

Sent: Friday, October 28, 2016 2:19 PM

To: sbcol

Subject: Ex Parte 11/01/16 Santa Maria Reacquisition of Table A State Water

Attachments: 10-28-16Wolf.pdf

From: Lois Werner [mailto:Lois@montecitowater.com]

Sent: Friday, October 28, 2016 11:17 AM

To: Wolf, Janet

Subject: Letter of Support for Santa Maria

Dear Supervisor Wolf,

Please see the attached letter from Montecito Water District President Richard Shaikewitz in support of the acquisition by the City of Santa Maria of the suspended Table A State water.

Lois Werner, Administrative Assitant Montecito Water District <u>lois@montecitowater.com</u> 583 San Ysidro Rd Santa Barbara, CA 93108 805-969-2271 FAX 805-969-7261



October 28, 2016

The Honorable Janet Wolf Santa Barbara County Second District Supervisor

Dear Supervisor Wolf:

I am the President of the Montecito Water District and Vice Chair of the Central Coast Water Authority. I urge you to support CCWA's request for approval to reacquire the suspended 12,214 AF of Table A water. I believe this will be on you docket on Nov. 1. I have been the MWD's representative to the CCWA for 10 years. This is necessary to help four water agencies protect themselves during this terrible drought.

All of the CCWA participants work together. When there is little rain and little water, we help each other. Santa Maria, the largest CCWA participant over the years, even though they have lots of ground water, has had difficulties using it. Their groundwater needs to be blended with other potable supplies before it can be used. This has been discussed at CCWA meetings off and on for years. They need extra State Water Project Water to help purify their groundwater. At times they don't need all of the State water. When that occurs, they are very generous, and share it with other Districts in need.

Montecito has little groundwater, and we are frequently in need of extra water. Recently Santa Maria sold us 2000 AF of their table A water at a very reasonable price, and with no return component. They are the largest water user in Santa Barbara County, and a regional leader. Last year the water agencies in Santa Barbara County only received 20% of Table A water. This year the allocation is 60%. None of us have ever received 100%.

This is not about obtaining water for new hookups. Four water districts need the extra table A. In drought times it will lessen the burden on all of us; in good times there may be some extra water available to share.

Each water agency guarantees to protect the county if one of the other agencies fails to meet its financial obligations. From what I have seen, Santa Maria is the strongest of all the water agencies. All of us are carrying bond debt except Santa Maria. This acquisition will help the entire County water situation.

I urge you to support the acquisition of this 12,214 AF of table A water.

583 San Ysidro Road Santa Barbara, CA 93108-2124

Ph 805.969 2271 Fax 805 969.7261

This is recycled paper. Each ton of recycled paper saves 7,000 gallons or water Sincerely,

Richard Shaikewitz

President

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 2:32 PM

To: Subject:

Fwd: PCEC

sbcob

Sent from my iPhone

Begin forwarded message:

From: "Kira Redmond" < kira@sbck.org>
Date: October 28, 2016 at 2:28:46 PM PDT
To: < SupervisorCarbajal@sbcbos1.org>

Subject: PCEC

Hi Salud,

I hope this message finds you well! I tried calling you earlier but your phone wasn't picking up. Anyway, Channelkeeper would like to urge you to deny PCEC's appeal of the Planning Commission's denial of the Orcutt Hill Resource Enhancement Plan and approve the seep can only alternative. We believe the risks to the environment far outweigh any benefits the project might bring, and that the mitigation or other alternatives recently proposed just aren't adequate.

Thank you for all you do for our County and environment!

Best, Kira

Kira Redmond
Executive Director
Santa Barbara Channelkeeper
714 Bond Avenue
Santa Barbara, CA 93103
Tel: 805.563.3377 ext.1

Fax: 805.687.5635

www.sbck.org

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Protecting and restoring the Santa Barbara Channel and its watersheds

o avast!

This email has been checked for viruses by Avast antivirus software. www.avast.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 2:33 PM

To:

sbcob

Subject:

Fwd: Please vote NO on PCEC's appeal!

Sent from my iPhone

Begin forwarded message:

From: Irv Beiman < bu3690@gmail.com > Date: October 28, 2016 at 2:11:31 PM PDT To: < SupervisorCarbajal@sbcbos1.org > Subject: Please vote NO on PCEC's appeal!

Dear Honorable Supervisors,

As a Management Consultant with 20 years experience in a highly toxic environment in CHINA I have seen what polluted water does to otherwise healthy citizens! Believe me, it is not pretty.

I urge you to DENY PCEC's appeal, and support the Planning Commission's decision to protect our County from further damage from PCEC's oil seeps and spills.

- PCEC's oil project is one of the dirtiest and riskiest oil operations in the County last year PCEC was #1 in the County for oil spills.
- 2. PCEC's oil operations have resulted in 99 uncontrolled oil seeps and 24 oil spills! If the project or any alternative is approved by the Board, the seeps and oil spills will continue.
- 3. None of PCEC's "new information" presented at the last hearing avoids or significantly decreases the projects numerous Class I impacts to endangered species, habitat or water quality.
- 4. The project's uncertain benefits, like short-term construction jobs, do not come close to outweighing its significant impacts.

Sincerely,

Irv Beiman, PhD 5120 Baseline Ave, Santa Ynez CA 93460

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 2:33 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Debra Christner <defenders@mail.defenders.org>

Date: October 28, 2016 at 2:08:41 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Debra Christner <2debbieo@gmail.com>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

As a Defender of Wildlife and a resident of Santa Barbara, I am writing to urge you to deny the Pacific Coast Energy Company's oil drilling project.

The project, situated in the environmentally sensitive Orcutt Hills of northern Santa Barbara County, endangers one of the most biologically diverse locations in California - an area that is home to several rare plant and animal species, including the federally protected California Tiger Salamander.

There are already 96 wells on the Orcutt Oil Field, and the area has a history of accidents - to date, there have been 100 uncontrolled oil seeps - seeps that inundate and ruin the homes of California wildlife. If the plan is allowed to move forward, the California Department of Fish and Wildlife predicts another 225 seeps in the next 25 years!

Approving this plan goes against the County's comprehensive conservation plans and policies - and the county's Planning Commission already denied this project once.

It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Ms. Debra Christner 171 El Sueno Rd Santa Barbara, CA 93110-1018 2debbieo@gmail.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 2:43 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: David Griggs < <u>defenders@mail.defenders.org</u>>

Date: October 28, 2016 at 2:38:43 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: David Griggs < david.griggs6@verizon.net>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

Dear Santa Barbara Board of Supervisors Carbajal,

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It is imperative that the Santa Barbara County Board of Supervisors deny the Pacific Coast Energy Company's oil drilling project.

Thank you for your consideration,

Mr. David Griggs 956 Maple St Carpinteria, CA 93013-2021 david.griggs6@verizon.net

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 3:10 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Kathy Mayes < defenders@mail.defenders.org>

Date: October 28, 2016 at 3:08:45 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Kathy Mayes <<u>klmayes605@gmail.com</u>>

Oct 28, 2016

Santa Barbara Board of Supervisors Salud Carbajal

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Thank you for your consideration,

Ms. Kathy Mayes 605 Alston Rd Santa Barbara, CA 93108-2305 (805) 565-8540 klmayes605@gmail.com

From:

Carbajal, Salud

Sent:

Friday, October 28, 2016 3:11 PM

To:

sbcob

Subject:

Fwd: Deny the Pacific Coast Energy Company's oil drilling project

Sent from my iPhone

Begin forwarded message:

From: Catherine Robson < defenders@mail.defenders.org>

Date: October 28, 2016 at 3:08:45 PM PDT

To: Salud Carbajal < Supervisor Carbajal @sbcbos1.org >

Subject: Deny the Pacific Coast Energy Company's oil drilling project

Reply-To: Catherine Robson < itterbugranch@gmail.com>

Oct 28, 2016

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Thank you for your consideration,

Ms. Catherine Robson 1059 Casitas Pass Rd Apt 107 Carpinteria, CA 93013-2134 jitterbugranch@gmail.com