Appendix H FORM LETTER 6 AND VARIANTS

Dear Sir,

Please consider my following comments regarding the SEIR and Proposed Regulations for suction dredge mining in California:

SEIR Baseline is wrong: I take strong exception to the Department using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the serious economic and social impacts to Americans which would result from your proposed regulations You should use a proper baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed.

Mercury is not a problem: Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers' who has allowed his personal political agenda get in the way of real science. The SEIR does not give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering at least 98% of the mercury from the bottom of California's waterways. The SEIR does not acknowledge, based upon your own survey results, that suction dredgers have been removing over 7,000 ounces of mercury or more every year under the 1994 regulations from California's waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations! Adoption of the SEIR position would be fundamentally unreasonable in a context where the mercury is inevitably migrating downstream to areas where it is believed to be potentially harmful.

Since California State agencies are doing nothing to remove mercury from California's active waterways, it is grossly irresponsible to point the finger at suction dredgers who are the only ones that are removing the mercury, at no cost to the taxpayers! Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which rewards dredgeminers for collecting and turning in mercury.

Identification requirement: The proposed regulations should allow visitors from other countries to use a foreign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we already receive that like to do their gold prospecting here.

DFG should not limit the number of suction dredging permits: There is no evidence presented in the SEIR that 14 years of dredging under the 1994 regulations ever harmed a single fish, much less threatened the viability of an entire species. What if I want to operate a dredge in some part of California where there would not be a deleterious impact? A limit on permits may prohibit me or someone else from using a suction dredge without a viable reason.

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impacts in areas, and during time periods, when and where dredging would not be allowed in a statewide program.

Onsite inspections should be immediately signed off when approved: There should not be a delay in signing off on a site inspection in cases where DFG officials cannot identify a deleterious impact. There should be a time limit in the regulations in which the application will be approved or disapproved. Due process should be allowed if I desire to appeal an application which has been disapproved.

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Statewide permits, if limited, should be transferable: Permits should be transferable if there is going to be a limit on the number allowed under a statewide program. Otherwise, miners will make the substantial investment into developing a viable mine and then not be able to transfer ownership to someone new who will be able to dredge it, therefore losing some or most of the value.

DFG should not further-limit the size of dredges under the statewide permitting program: I do not believe that DFG has the authority to step onto the public lands and impose a permit restriction upon the productive capacity of my dredge without also coming up with specific reasons why existing capacities under the 1994 regulations are creating a deleterious impact upon fish. Please leave nozzle restriction sizes as they were in the 1994 regulations. The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch (diameter) is reasonable.

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Gold miners should be afforded due process, and should be allowed to proceed in areas which are not allowed under a statewide permit, as long as a site inspection cannot turn up evidence of a deleterious impact.

Reduction of our existing dredging seasons is unreasonable: I do not see that the SEIR contains evidence of a deleterious impact upon fish to support the reduction of existing dredging seasons that are in the 1994 regulations. This proposal is only supported by your "precautionary approach." Except for those time periods where you can demonstrate that a deleterious impact has been created under the existing regulations, you leave our seasons as they have been since 1994.

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It would be more productive to provide better language describing what the "bank" is in relation to dredge mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 already allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, also imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. Nobody else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers.

This also applies to the use of power winches, which provide the only safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger unless the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations already prohibit dredge operation at times when fish may be too small to swim away from pump intakes as they are already being manufactured.

Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes. To avoid conflict, you should adopt something larger than the two hole sizes which are already being used on most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times And places where dredging is not deleterious to fish, I do not see any practical reason to force dredge-miners to inform DFG exactly where they are dredging – and then hold them to the location unless the permit is amended. Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is not workable: There is no practical way of attaching a sign to a small dredge! What does this have to do with preventing a deleterious impact upon fish?

If you must have an identification number on my dredge, you should eliminate the requirement of 3-inch number and allow the numbers to be marked either on the pontoons or the sluice box, but only if it is possible to do so. This would allow smaller numbers in the case of smaller dredges.

Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than to prohibit the spillage of fuel. Millions of boaters all over California are allowed to keep fuel safely in their boats. Your proposed regualtions would prohibit suction dredgers from doing the very same thing!

There are plenty of effective ways to prevent fuel from leaking into the waterway without making a dredgeminer hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are already routinely part of a dredge program to assist with cleanup of concentrates.

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Thank you very much for giving careful consideration to my comments and suggestions!

Form Letter 6 **V**ARIANTS

Dear Sir :

I am sending a note along with the form letter, because, I don't have tence to re-write a whole letter. I just wanted to say, that, as a 1st year dredger (the year we were shut down), being mentored by a more experienced duedger, I was impressed by the effort put forth to not affect the environment - they all know it would shut then down faster then congthing else. Il cost me over \$150000 to obtain \$10000 worth of gold-cost of equipment repair, new wet suit, etc. My mentor peobably got a few kunched lucky worth - has been doing this for 20+ yrs. He colso had expenses, novolving equipment, Camping supplies, grecories, etc., which he purchased a lot of in Upreka- as I'm sure other numers deet, thus, putting money into a Just some of my observations-Thank Bagley

Mark Stopher

California Department of Fish and Game 601 Locust Street Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

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Sincerely,

WARREN C BAGGEY THOS WILLET WAY, MONTAGUE, CA. 4-25-11
Name and Address
Plane C Bayley
Date

Mark Stopher

California Department of Fish and Game
601 Locust Street
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|---|--------------------------|--------------------------|------------------------------------|
| Sincerely, The Reason I | = use DAN by Better w | e's Letter is any to SAy | I CAN'T |
| Monding Slevins Name and Address | PODON 151 | HARRER CAMB | 4-13-11 |
| Name and Address | CA | 96059 | Date |
| P.S. OPEN ALL CALIFORNIA. | Rivers 4 | - Creeks | |

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Monty Colby 7686 5th St Jumes, OR. 97392 4-15-11

Name and Address

Date

a agree with everything above I would add that when we are dredging;

The fish of all siges are right there waiting forms to kick something edible

loose. The smaller fish close in, as they have no fear. The larger trout ext.

farther out at the edge of my vision. Of all the tons of material that yone

Thru. my dredge, I have never saw one fish of any size get sucked in my

nopple. We are actually feeding the fish.

Thank you



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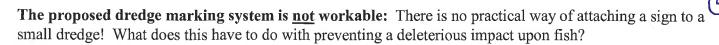
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Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes. To avoid conflict, you should adopt something larger than the two hole sizes which are already being used on most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times and places where dredging is not deleterious to fish, I do not see any practical reason to force dredge-miners to inform DFG exactly where they are dredging – and then hold them to the location unless the permit is amended. This is working AGAINST prospecting discovery...

The proposed dredge marking system is <u>not</u> workable: There is no practical way of attaching a sign to a small dredge! What does this have to do with preventing a deleterious impact upon fish?

If you must have an identification number on my dredge, you should eliminate the requirement of 3-inch number and allow the numbers to be marked either on the pontoons or the sluice box, but <u>only</u> if it is possible to do so. This would allow smaller numbers in the case of smaller dredges.

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There are <u>plenty</u> of effective ways to prevent fuel from leaking into the waterway without making a dredgeminer hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are <u>already</u> routinely part of a dredge program to assist with cleanup of concentrates.

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Thank you very much for giving careful consideration to my comments and suggestions!

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Daniel Franks 6347 Santa Cruy Corning, CA 5-13-11
Name and Address

Date

041511_Jasper

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Name and Address
Po Box 183
Happy fran 10
Ca 96039

Mark Stopher

California Department of Fish and Game 601 Locust Street Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

Dear Sir,

Please consider my following comments regarding the SEIR and Proposed Regulations for suction dredge mining in California:

SEIR Baseline is wrong: I take <u>strong</u> exception to the Department using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the <u>serious</u> economic and social impacts to Americans which would result from your proposed regulations. You should use a <u>proper</u> baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed.

Mercury is <u>not</u> a problem: Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers' who has allowed his personal political agenda get in the way of real science. The SEIR does <u>not</u> give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering <u>at least</u> 98% of the mercury from the bottom of California's waterways.

The SEIR does <u>not</u> acknowledge, based upon your own survey results, that suction dredgers have been removing over 7,000 ounces of mercury or more <u>every</u> year under the 1994 regulations from California's waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations! Adoption of the SEIR position would be fundamentally unreasonable in a context where the mercury is inevitably migrating downstream to areas where it is believed to be potentially harmful.

Since California State agencies are doing <u>nothing</u> to remove mercury from California's active waterways, it is grossly irresponsible to point the finger at suction dredgers who are the <u>only</u> ones that are removing the mercury, at no cost to the taxpayers!

Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which <u>rewards</u> dredgeminers for collecting and turning in mercury.

Identification requirement: The proposed regulations should allow visitors from other countries to use a foreign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we <u>already</u> receive that like to do their gold prospecting here.

DFG should not limit the number of suction dredging permits: There is no evidence presented in the SEIR that 14 years of dredging under the 1994 regulations <u>ever</u> harmed a <u>single</u> fish, much less threatened the viability of an entire species. What if I want to operate a dredge in some part of California where there would not be a deleterious impact? A limit on permits may prohibit me or someone else from using a suction dredge without a viable reason.

Allowing additional dredge permits after site inspection: In the event that DFG decides to impose (reasonable) limits in a blanket statewide permit program that will allow for most suction dredgers, I do not believe DFG has the authority to declare a wholesale prohibition to dredge mining in the other vast areas which exist on the public lands that would not be covered by the blanket permit. DFG has a site inspection mechanism allowing you to consider more individualized impacts in areas, and during time periods, when and where dredging would not be allowed in a statewide program.

Onsite inspections should be immediately signed off when approved: There should <u>not</u> be a delay in signing off on a site inspection in cases where DFG officials cannot identify a deleterious impact. There should be a time limit in the regulations in which the application will be approved or disapproved. Due process should be allowed if I desire to appeal an application which has been disapproved.

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Statewide permits, if limited, should be transferable: Permits should be transferable if there is going to be a limit on the number allowed under a statewide program. Otherwise, miners will make the substantial investment into developing a viable mine and then not be able to transfer ownership to someone new who will be able to dredge it, therefore losing some or most of the value.

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Sincerely, Richard Haynes Richard Haynos 7916 Cold Creek CT, BakersField, CA 4-30-11
Name and Address

I Retired Early in Life Just SU I could dredge on my Claim

Reinstate the 1994 Regulations.

Subject: unfair dredge regulations.

Date: Sunday, May 8, 2011 11:38:16 PM PT

From: Mr Dennis lee Hinckley

To: dfgsuctiondredge@dfg.ca.gov

Mark Stopher

California Department of Fish and Game

601 Locust Street

Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

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Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for

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to local authorities where it belongs.

And in the future please add to your regulations you will refund my dredge permit fees if you cancel the permit during dredge season, as you stole my \$184.00 last time.

Thank you very much for giving careful consideration to my comments and suggestions!
Sincerely,

Dennis Hinckley 737 Fernwood drive Mark Stopher

California Department of Fish and Game 601 Locust Street Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

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8/30-164 ST SE SNO. Wa 98296

Date

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| Sincerely, NG TIME LIMITS ON OUR DREDGI. | NG. |
| Menna Karns | 4-14-11 |
| Name and Address | Date |
| MYRNA KARNS | |
| PO Box 802 | |
| HAPPY CAMP CA 96039 | |

5-3-11

JAMES MOIR 43 CASCADE RD. W. HENRIETTA, NY 14586

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Sincerely,

Name and Address

Date

5-3-11

Date



State of California—The Resources Agency DEPARTMENT OF FISH AND GAME

2005 SUCTION DREDGE PERMIT APPLICAT

TO OPERATE VACUUM OR SUCTION DREDGE

REDDIN
Change Se

VALID JANUARY

601 LOCUST STREET REDDING, GA 98001 Phone: (530)225-2300

Clerk: 19

30245 Req: 002

FEES: RESIDENT—\$38.00 (No inspection required)
RESIDENT—\$156.50 (Additional if inspection required)

NONRESIDENT—\$*
NONRESIDENT—\$*

YES, I QUALIFY FOR AN ASSISTANT SUCTION DREDGE PERMIT (NO ADDITIONAL FEE)
(Disabled applicants must apply and pay fees for resident or nonresident permit)
SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

FIRST NAME

A WES

MAILING ADDRESS

93 CASCADE LD,

CITY

WEST HENRIETTA

STATE

NY

DRIVER'S LICENSE NI IMBER OR DM/LD NI IMBER

SEX

ZIPCODE 14586

MALE

DRIVER'S LICENSE NUMBER OR DMV I.D. NUMBER
NY 296 535 313

☐ FEMALE

HAIR COLOR

BRO

NRES SUCTIN DRED 149.50

07/27/05 08:24

I HAVE RESIDED IN CALIFORNIA CONTINUOUSLY FOR THE LAST SIX MONTHS YES NO

("Resident" means any person who has resided continuously in the State of California for six months or more immediately prior to the date of his/her applica a license or permit, or any person on active military duty with the Armed Forces of the United States or auxiliary branch thereof, or any person enrolled in the Corps established pursuant to Section 2883 of Title 29 of the United State Code. (Fish & G. Code, § 70.)

TYPE OF OPERATION (Check one):

GOLD MINING

NOZZLE SIZE

HORSEPOWER

☐ SAND & GRAVEL

OTHER (Explain

SIZE OF AREA TO BE DREDGED

SMALL SAMPLE HOLES, AS I OPLY HAVE 3 WEEKS TO VISITY

TYPE OF EQUIPMENT

NAME AND MODEL NUMBER

NAME AND MODEL NUMBER

NAME AND MODEL NUMBER

NAME AND MODEL NUMBER
HOPE MADE
NOZZLE SIZE

HORSEPOWER

POWER SOURCE

ilama

HONOA

POWER SOURCE

NOZZLE SIZE

HORSEPOWER

POWER SOURCE

When a permit stamp has been affixed below, the applicant is authorized to operate a vacuum or suction dredge in accordance with Sections 228 and 228 14, of the California Code of Regulations. Nothing in this permit shall authorize the permittee to trespass or use a dredge in waters passing over private lands the permission of the landowner. The listing of waters open to dredging does not mean that such waters are open to the public. The permittee shall com all applicable federal, state, and local laws. Suction or vacuum dredges shall not be used where dredging is prohibited by such laws.

I hereby certify that I have read the provisions of California Fish and Game Code Section 5653 and Sections 228 and 228.5, Title 14, of the California Regulations (see reverse side), and that I understand and agree to be bound by all the terms and restrictions set forth in this permit and in the above provisions. I hereby certify that all information contained on this application, and/or submitted to meet the requirements for issuance of this permit, is t correct. I understand that in the event this information is found to be untrue or incorrect, the permit issued will be invalid and must be surrendered purchased, and that I may be subject to criminal prosecution. I understand the Department of Fish and Game may suspend or revoke this permit pure

Section 228(c), Title 14, of the California Code of Regulations.

DATE 7-10-200

FOR DEPARTMENT OF FISH AND GAME USE ONLY

ISSUEDBY mallichs

DEG OFFICE

CASHREGISTER TRANSACTION#

DATAENTRY

2005 RESIDENT DREDGE STAMP

2005 CALIFORNIA NONRESIDENT STANDARD SUCTION DREDGE PERMIT \$149.50

400267-02 nvalid after December 31, 2005 Date Issued ASSISTANT SUCTION DREDGE PERMIT

 2005 INSPECTION

Vo.____

Date Issued_____ Invalid after December 31, 2005 2005 DUPLICATE

No._____

Date Issued_ Invalid after December 31, 2005

Reas 7/6/05 Do

Mark Stopher
California Department of Fish and Game
601 Locust Street
Redding, CA 96001
Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

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Name and Address
15977 CHIWI Rd.

APPLE VALLEY, CA. 92307

4-14- 2011 Date

THIS REALLY SAYS IT. ALL.

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There are <u>plenty</u> of effective ways to prevent fuel from leaking into the waterway without making a dredgeminer hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are <u>already</u> routinely part of a dredge program to assist with cleanup of concentrates.

Disturbance of mussel beds: It is <u>unreasonable</u> to propose that every suction dredger must now do a survey before dredging to make certain that there is no place within 30 feet downriver where more than 40 muscles per square yard exist before dropping tailings! Some rivers are so inundated with muscles; this imposition would amount to a suction dredge prohibition in a large part of the waterway! And why, since there are so many? How does the protection of mussels from dredge-miners conform to the language of Section 5653? Please drop this silly mussel idea from final regulations.

Returning the site to the pre-mining grade to the greatest extent possible: Since it is <u>impossible</u> to move tailings and rocks upstream against a swift current, the requirement to fill in our holes and level off our tailings is unrealistic.

Ample evidence shows that salmon are <u>less</u> likely to place their redds in a heaped tailing pile, than they are on a pre-mining grade which is inundated with unstable gravel; so your proposal will actually create <u>more</u> harm than good! The dredge holes which I leave behind create cool water refuges where salmon and other fish hold up during the warm summer months. My piled cobbles create protected habitat where fingerlings can hide from predators. It would be better for the fish if we just allow Mother Nature to settle things out in the next storm event.

Dredge mining between one half hour after sunrise to sunset: Your authority is <u>limited</u> to preventing a deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern to local authorities where it belongs.

Thank you very much for giving careful consideration to my comments and suggestions!

Sincerely,

Charles Panthey Po. Box 2621 Lapine, or. 97739 may 2, 2011
Name and Address
Date

95. Please Except theo Letter as my own words and thoughts.

Mark Stopher

California Department of Fish and Game 601 Locust Street Redding, CA 96001 April 18, 2011

Dear Mr. Stopher,

After an extensive review of the proposed regulations regarding 'dredging' in the State of California, I have some very significant concerns and ask you to carefully consider my opinions before adoption! I have never, in many years of dreding in California and other States, killed one fish whilke dredging! Not one fish!

SEIR Baseline is wrong: I take strong exception to the Department using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the serious economic and social impacts to Americans which would result from your proposed regulations. You should use a proper baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed.

Reduction of our existing dredging seasons is unreasonable: I do not see that the SEIR contains evidence of a deleterious impact upon fish to support the reduction of existing dredging seasons that are in the 1994 regulations. This proposal is only supported by your "precautionary approach." Except for those time periods where you can demonstrate that a deleterious impact has been created under the existing regulations, you leave our seasons as they have been since 1994.

The proposed 3-foot rule is unreasonable: The SEIR has not presented any real evidence that dredging

within three feet of the streambank has ever harmed a single fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

It would be more productive to provide better language describing what the "bank" is in relation to dredge mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out

of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish &

Game Section 5600 already allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, also imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. Nobody else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers.

This also applies to the use of power winches, which provide the only safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger unless the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Mercury is not a problem: Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers' who has allowed his personal political agenda get in the way of real science. The SEIR does not give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering at least 98% of the mercury from the bottom of California's waterways.

The SEIR does not acknowledge, based upon your own survey results, that suction dredgers have been removing over 7,000 ounces of mercury or more every year under the 1994 regulations from California's waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations! Adoption of the SEIR position would be fundamentally unreasonable in a context where the mercury is inevitably migrating downstream to areas where it is believed to be potentially harmful.

Since California State agencies are doing nothing to remove mercury from California's active waterways, it is grossly irresponsible to point the finger at suction dredgers who are the only ones

that are removing the mercury, at no cost to the taxpayers!

Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which rewards dredgeminers for collecting and turning in mercury.

Identification requirement: The proposed regulations should allow visitors from other countries to use a foreign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we already receive that like to do their gold prospecting here.

DFG should not limit the number of suction dredging permits: There is no evidence presented in the

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Allowing additional dredge permits after site inspection: In the event that DFG decides to impose (reasonable) limits in a blanket statewide permit program that will allow for most suction dredgers, I do not believe DFG has the authority to declare a wholesale prohibition to dredge mining in the other vast areas which exist on the public lands that would not be covered by the blanket permit. DFG has a site inspection mechanism allowing you to consider more individualized impacts in areas, and during time periods, when and where dredging would not be allowed in a statewide program.

Onsite inspections should be immediately signed off when approved: There should not be a delay in

signing off on a site inspection in cases where DFG officials cannot identify a deleterious impact. There should be a time limit in the regulations in which the application will be approved or disapproved. Due process should be allowed if I desire to appeal an application which has been disapproved.

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Statewide permits, if limited, should be transferable: Permits should be transferable if there is going

be a limit on the number allowed under a statewide program. Otherwise, miners will make the substantial investment into developing a viable mine and then not be able to transfer ownership to someone new who will be able to dredge it, therefore losing some or most of the value.

DFG should not further-limit the size of dredges under the statewide permitting program: I do not

believe that DFG has the authority to step onto the public lands and impose a permit restriction upon the productive capacity of my dredge without also coming up with specific reasons why existing capacities under the 1994 regulations are creating a deleterious impact upon fish. Please leave nozzle restriction sizes as they were in the 1994 regulations.

The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch (diameter) is reasonable.

Allowing larger-sized nozzles after site inspection: If a dredger wants to operate a dredge having a larger

nozzle than is allowed under a statewide permitting scheme, the Department should allow the activity as long as no deleterious impact can be determined though a site inspection.

DFG should not further-limit the places where dredging is allowed: This proposal is just supported by

your "precautionary approach." Except for those areas where you can demonstrate that a deleterious impact has been created under the existing regulations, please leave our seasons as they have been since 1994.

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hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are already routinely part of a dredge program to assist with cleanup of concentrates.

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fish hold up during the warm summer months. My piled cobbles create protected habitat where fingerlings can hide from predators. It would be better for the fish if we just allow Mother Nature to settle things out in the next storm event.

Dredge mining between one half hour after sunrise to sunset: Your authority is limited to preventing a

deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern to local authorities where it belongs.

Please give my concerns serious consideration before adopting ANY new regulations beyond the current 1994 EIR adopted regs.

Sincerely,

Barbara A. Pettigrew

P.O. Box 771 27940 Ten Mile Rd

Barbara 9. 96 the grew

Gualala, CA 95445

707 882-2645

Proposed Dredging Regulations...!

Mark Stopher

California Department of Fish and Game 601 Locust Street Redding, CA 96001

Dear Mr. Stopher,

I am writing you to respond to the 'proposed' new regulations regarding dredging in the State of California and ask that you consider my concerns before the final draft is 'imposed' on us miners! I strongly suggest that the 1994 EIR and attendant regulations have done a good job of balancing the Federal rights for miners with the environmental concerns of the State of California. The 1994 EIR addressed all of the current concerns and nothing in scientific review available suggests the 'radical' changes you are proposing based on 'inuendo; or 'personal 'opinions.

SEIR Baseline is wrong: I take strong exception to the Department using an arbitrary and misleading

baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear

greater than they really are, and in an attempt to marginalize the serious economic and social impacts to

Americans which would result from your proposed regulations. You should use a proper baseline that is

based upon existing dredge and small business activity under the 1994 regulations during the season before

the moratorium was imposed.

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non-swimmers or children from starting closer to the shore where water is shallower and more safe.

Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the

operational value (perhaps even all of it) on some dredging properties.

It would be more productive to provide better language describing what the "bank" is in relation to dredge

mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out

of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges

more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining

opportunities.

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give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering at least 98% of the mercury from the bottom of

California's waterways.

The SEIR does not acknowledge, based upon your own survey results, that suction dredgers have been

removing over 7,000 ounces of mercury or more every year under the 1994 regulations from California's

waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations!

Adoption of the SEIR position would be fundamentally unreasonable in a context where the mercury is inevitably migrating downstream to areas where it is believed to be potentially harmful.

Since California State agencies are doing nothing to remove mercury from California's active waterways, it is grossly irresponsible to point the finger at suction dredgers who are the only ones

that are removing the mercury, at no cost to the taxpayers!

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the viability of an entire species. What if I want to operate a dredge in some part of California where there

would not be a deleterious impact? A limit on permits may prohibit me or someone else from using a suction dredge without a viable reason.

Allowing additional dredge permits after site inspection: In the event that DFG decides to impose (reasonable) limits in a blanket statewide permit program that will allow for most suction dredgers, I do not

believe DFG has the authority to declare a wholesale prohibition to dredge mining in the other vast areas

which exist on the public lands that would not be covered by the blanket permit. DFG has a site in-

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could potentially lose our prior existing right to work our mining claims or other mining opportunities (belonging to an association that provides access to mining property).

Statewide permits, if limited, should be transferable: Permits should be transferable if there is going to

be a limit on the number allowed under a statewide program. Otherwise, miners will make the substantial

investment into developing a viable mine and then not be able to transfer ownership to someone new who

will be able to dredge it, therefore losing some or most of the value.

DFG should not further-limit the size of dredges under the statewide permitting program: I do not believe that DFG has the authority to step onto the public lands and impose a permit restriction upon the

productive capacity of my dredge without also coming up with specific reasons why existing capacities

under the 1994 regulations are creating a deleterious impact upon fish. Please leave nozzle restriction sizes

as they were in the 1994 regulations.

The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch

(diameter) is reasonable.

Allowing larger-sized nozzles after site inspection: If a dredger wants to operate a dredge having a

larger

nozzle than is allowed under a statewide permitting scheme, the Department should allow the activity as

long as no deleterious impact can be determined though a site inspection.

DFG should not further-limit the places where dredging is allowed: This proposal is just supported by

your "precautionary approach." Except for those areas where you can demonstrate that a deleterious impact

has been created under the existing regulations, please leave our seasons as they have been since 1994.

Gold miners should be afforded due process, and should be allowed to proceed in areas which are not

allowed under a statewide permit, as long as a site inspection cannot turn up evidence of a deleterious impact.

Reduction of our existing dredging seasons is unreasonable: I do not see that the SEIR contains evidence of a deleterious impact upon fish to support the reduction of existing dredging seasons that are in

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It would be more productive to provide better language describing what the "bank" is in relation to dredge

mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out

of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges

more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining

opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish &

Game Section 5600 already allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, also imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. Nobody else in California is required to pursue a Section 1600 permit until their activity

rises to the level of requiring one. It should not be any different for suction dredgers.

This also applies to the use of power winches, which provide the only safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that

are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger unless the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations already prohibit dredge operation at times when fish may be too small to swim away from pump intakes as

they are already being manufactured.

Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes.

avoid conflict, you should adopt something larger than the two hole sizes which are already being used on

most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times

places where dredging is not deleterious to fish, I do not see any practical reason to force dredgeminers to

inform DFG exactly where they are dredging – and then hold them to the location unless the permit is amended.

Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for

my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is not workable: There is no practical way of attaching a sign to a

small dredge! What does this have to do with preventing a deleterious impact upon fish? If you must have an identification number on my dredge, you should eliminate the requirement of 3-inch

number and allow the numbers to be marked either on the pontoons or the sluice box, but only if it is possible to do so. This would allow smaller numbers in the case of smaller dredges.

Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than

to prohibit the spillage of fuel. Millions of boaters all over California are allowed to keep fuel safely in their boats. Your proposed regualtions would prohibit suction dredgers from doing the very same thing!

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routinely part of a dredge program to assist with cleanup of concentrates.

Disturbance of mussel beds: It is unreasonable to propose that every suction dredger must now do a survey before dredging to make certain that there is no place within 30 feet downriver where more than 40

muscles per square yard exist before dropping tailings! Some rivers are so inundated with muscles; this

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there are so many? How does the protection of mussels from dredge-miners conform to the language of

Section 5653? Please drop this silly mussel idea from final regulations.

Returning the site to the pre-mining grade to the greatest extent possible: Since it is impossible to move tailings and rocks upstream against a swift current, the requirement to fill in our holes and level off

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Dredge mining between one half hour after sunrise to sunset: Your authority is limited to preventing a

deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern

to local authorities where it belongs.

I would ask that you carefully consider my comments regarding suction dredging in California!

Best regards,

William L. Pettigrew 27940 Ten Mile Road

P.O. Box 771

Gualala, Ca 95445

707 882-2645

Mark Stopher

California Department of Fish and Game 601 Locust Street Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

Dear Sir,

Please consider my following comments regarding the SEIR and Proposed Regulations for suction dredge mining in California:

SEIR Baseline is wrong: I take <u>strong</u> exception to the Department using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the <u>serious</u> economic and social impacts to Americans which would result from your proposed regulations. You should use a <u>proper</u> baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed.

Mercury is <u>not</u> a problem: Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers' who has allowed his personal political agenda get in the way of real science. The SEIR does <u>not</u> give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering <u>at least</u> 98% of the mercury from the bottom of California's waterways.

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Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which <u>rewards</u> dredgeminers for collecting and turning in mercury.

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Gold miners should be afforded due process, and should be allowed to proceed in areas which are not allowed under a statewide permit, as long as a site inspection cannot turn up evidence of a deleterious impact.

Reduction of our existing dredging seasons is unreasonable: I do not see that the SEIR contains evidence of a deleterious impact upon fish to support the reduction of existing dredging seasons that are in the 1994 regulations. This proposal is only supported by your "precautionary approach." Except for those time periods where you can demonstrate that a deleterious impact has been created under the existing regulations, you leave our seasons as they have been since 1994.

The proposed 3-foot rule is unreasonable: The SEIR has not presented any <u>real</u> evidence that dredging within three feet of the streambank has <u>ever</u> harmed a <u>single</u> fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

It would be more productive to provide better language describing what the "bank" is in relation to dredge mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 <u>already</u> allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, <u>also</u> imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. <u>Nobody</u> else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers.

This also applies to the use of power winches, which provide the <u>only</u> safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger <u>unless</u> the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations <u>already</u> prohibit dredge operation at times when fish may be too small to swim away from pump intakes as they are already being manufactured.

Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes. To avoid conflict, you should adopt something larger than the two hole sizes which are already being used on most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times and places where dredging is not deleterious to fish, I do not see <u>any</u> practical reason to force dredge-miners to inform DFG <u>exactly</u> where they are dredging – and then hold them to the location unless the permit is amended.

Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is not workable: There is no practical way of attaching a sign to a small dredge! What does this have to do with preventing a deleterious impact upon fish?

If you must have an identification number on my dredge, you should eliminate the requirement of 3-inch number and allow the numbers to be marked either on the pontoons or the sluice box, but only if it is possible to do so. This would allow smaller numbers in the case of smaller dredges.

Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than to prohibit the spillage of fuel. Millions of boaters all over California are allowed to keep fuel safely in their boats. Your proposed regualtions would prohibit suction dredgers from doing the very same thing!

There are plenty of effective ways to prevent fuel from leaking into the waterway without making a dredgeminer hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are already routinely part of a dredge program to assist with cleanup of concentrates.

Disturbance of mussel beds: It is unreasonable to propose that every suction dredger must now do a survey before dredging to make certain that there is no place within 30 feet downriver where more than 40 muscles per square yard exist before dropping tailings! Some rivers are so inundated with muscles; this imposition would amount to a suction dredge prohibition in a large part of the waterway! And why, since there are so many? How does the protection of mussels from dredge-miners conform to the language of Section 5653? Please drop this silly mussel idea from final regulations.

Returning the site to the pre-mining grade to the greatest extent possible: Since it is impossible to move tailings and rocks upstream against a swift current, the requirement to fill in our holes and level off our tailings is unrealistic.

Ample evidence shows that salmon are less likely to place their redds in a heaped tailing pile, than they are on a pre-mining grade which is inundated with unstable gravel; so your proposal will actually create more harm than good! The dredge holes which I leave behind create cool water refuges where salmon and other fish hold up during the warm summer months. My piled cobbles create protected habitat where fingerlings can hide from predators. It would be better for the fish if we just allow Mother Nature to settle things out in the next storm event.

Dredge mining between one half hour after sunrise to sunset: Your authority is limited to preventing a deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern to local authorities where it belongs.

Thank you very much for giving careful consideration to my comments and suggestions!

Sincerely,

Daniel B. Pool I purchased a Standard Resident Dredge
P.O. Box 441

Hay fork Ca. 96041

Date

Date

Date

Permit on 7-8-09, + found out it was

revoked on 8-8-09.

Dermit #

Mark Stopher

California Department of Fish and Game 601 Locust Street Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

Dear Sir,

Please consider my following comments regarding the SEIR and Proposed Regulations for suction dredge mining in California:

SEIR Baseline is wrong: I take <u>strong</u> exception to the Department using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the <u>serious</u> economic and social impacts to Americans which would result from your proposed regulations. You should use a <u>proper</u> baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed.

Mercury is <u>not</u> a problem: Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers' who has allowed his personal political agenda get in the way of real science. The SEIR does <u>not</u> give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering <u>at least</u> 98% of the mercury from the bottom of California's waterways.

The SEIR does <u>not</u> acknowledge, based upon your own survey results, that suction dredgers have been removing over 7,000 ounces of mercury or more <u>every</u> year under the 1994 regulations from California's waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations! Adoption of the SEIR position would be fundamentally unreasonable in a context where the mercury is inevitably migrating downstream to areas where it is believed to be potentially harmful.

Since California State agencies are doing <u>nothing</u> to remove mercury from California's active waterways, it is grossly irresponsible to point the finger at suction dredgers who are the <u>only</u> ones that are removing the mercury, at no cost to the taxpayers!

Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which <u>rewards</u> dredgeminers for collecting and turning in mercury.

Identification requirement: The proposed regulations should allow visitors from other countries to use a foreign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we <u>already</u> receive that like to do their gold prospecting here.

DFG should not limit the number of suction dredging permits: There is no evidence presented in the SEIR that 14 years of dredging under the 1994 regulations <u>ever</u> harmed a <u>single</u> fish, much less threatened the viability of an entire species. What if I want to operate a dredge in some part of California where there would not be a deleterious impact? A limit on permits may prohibit me or someone else from using a suction dredge without a viable reason.

Allowing additional dredge permits after site inspection: In the event that DFG decides to impose (reasonable) limits in a blanket statewide permit program that will allow for most suction dredgers, I do not believe DFG has the authority to declare a wholesale prohibition to dredge mining in the other vast areas which exist on the public lands that would not be covered by the blanket permit. DFG has a site inspection mechanism allowing you to consider more individualized impacts in areas, and during time periods, when and where dredging would not be allowed in a statewide program.

Onsite inspections should be immediately signed off when approved: There should <u>not</u> be a delay in signing off on a site inspection in cases where DFG officials cannot identify a deleterious impact. There should be a time limit in the regulations in which the application will be approved or disapproved. Due process should be allowed if I desire to appeal an application which has been disapproved.

Prior existing rights on permit acquisition: There <u>must</u> be an allowance for prior existing rights on a limited permit program. Otherwise, dredge-miners who have already invested in property and equipment could potentially lose our prior existing right to work our mining claims or other mining opportunities (belonging to an association that provides access to mining property).

Statewide permits, if limited, should be transferable: Permits should be transferable if there is going to be a limit on the number allowed under a statewide program. Otherwise, miners will make the substantial investment into developing a viable mine and then not be able to transfer ownership to someone new who will be able to dredge it, therefore losing some or most of the value.

DFG should not further-limit the size of dredges under the statewide permitting program: I do not believe that DFG has the authority to step onto the public lands and impose a permit restriction upon the productive capacity of my dredge without also coming up with specific reasons why existing capacities under the 1994 regulations are creating a deleterious impact upon fish. Please leave nozzle restriction sizes as they were in the 1994 regulations.

The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch (diameter) is reasonable.

Allowing larger-sized nozzles after site inspection: If a dredger wants to operate a dredge having a larger nozzle than is allowed under a statewide permitting scheme, the Department should allow the activity as long as no deleterious impact can be determined though a site inspection.

DFG should not further-limit the places where dredging is allowed: This proposal is just supported by your "precautionary approach." Except for those areas where you can demonstrate that a deleterious impact has been created under the existing regulations, please leave our seasons as they have been since 1994.

Gold miners should be afforded due process, and should be allowed to proceed in areas which are not allowed under a statewide permit, as long as a site inspection cannot turn up evidence of a deleterious impact.

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The proposed 3-foot rule is unreasonable: The SEIR has not presented any <u>real</u> evidence that dredging within three feet of the streambank has <u>ever</u> harmed a <u>single</u> fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

It would be more productive to provide better language describing what the "bank" is in relation to dredge mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 <u>already</u> allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, <u>also</u> imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. <u>Nobody</u> else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers.

This also applies to the use of power winches, which provide the <u>only</u> safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger <u>unless</u> the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations <u>already</u> prohibit dredge operation at times when fish may be too small to swim away from pump intakes as they are already being manufactured.

Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes. To avoid conflict, you should adopt something larger than the two hole sizes which are already being used on most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times and places where dredging is not deleterious to fish, I do not see any practical reason to force dredge-miners to inform DFG exactly where they are dredging – and then hold them to the location unless the permit is amended.

Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

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Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than to prohibit the spillage of fuel. Millions of boaters all over California are allowed to keep fuel safely in their boats. Your proposed regualtions would prohibit suction dredgers from doing the very same thing!

There are plenty of effective ways to prevent fuel from leaking into the waterway without making a dredge-miner hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are <u>already</u> routinely part of a dredge program to assist with cleanup of concentrates.

Disturbance of mussel beds: It is <u>unreasonable</u> to propose that every suction dredger must now do a survey before dredging to make certain that there is no place within 30 feet downriver where more than 40 muscles per square yard exist before dropping tailings! Some rivers are so inundated with muscles; this imposition would amount to a suction dredge prohibition in a large part of the waterway! And why, since there are so many? How does the protection of mussels from dredge-miners conform to the language of Section 5653? Please drop this silly mussel idea from final regulations.

Returning the site to the pre-mining grade to the greatest extent possible: Since it is <u>impossible</u> to move tailings and rocks upstream against a swift current, the requirement to fill in our holes and level off our tailings is unrealistic.

Ample evidence shows that salmon are <u>less</u> likely to place their redds in a heaped tailing pile, than they are on a pre-mining grade which is inundated with unstable gravel; so your proposal will actually create <u>more</u> harm than good! The dredge holes which I leave behind create cool water refuges where salmon and other fish hold up during the warm summer months. My piled cobbles create protected habitat where fingerlings can hide from predators. It would be better for the fish if we just allow Mother Nature to settle things out in the next storm event.

Dredge mining between one half hour after sunrise to sunset: Your authority is <u>limited</u> to preventing a deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern to local authorities where it belongs.

Thank you very much for giving careful consideration to my comments and suggestions!

Sincerely,

| D. Reed, 38729 Hwy. 96, Klamath River, CA 96050 Name and Address | April 21, 2011 |
|--|------------------------|
| Please do not disallow dudging on creeks where it | was o.K. in 1994 regs. |
| local economy. Our state does not need any more hurtful things done to the productive people i | negative and |
| P.S. I am a 70 year old veteran Dowhat is: | nour sociaty. |
| | |

Subject: Suction Dredging

Date: Thursday, April 14, 2011 10:07:14 PM PT

From: Michelle

To: dfgsuctiondredge@dfg.ca.gov

Mark Stopher California Department of Fish and Game 601 Locust Street Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

Dear Sir,

As an active claim holder, and avid gold miner, I wish to make my opinions known about the SEIR and Proposed Regulations for suction dredge mining in California. In order to be fair, You should use a proper baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed. I believe the Department is using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the serious beneficial economic and social impacts to Americans which would result from your proposed regulations.

Further, with regards to mercury, the SEIR does not acknowledge, based upon your own survey results, that suction dredgers have been removing over 7,000 ounces of mercury or more every year under the 1994 regulations from California's waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations! The SEIR does not give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering at least 98% of the mercury from the bottom of California's waterways. Modern gold miners are performing hazardous waste cleanup, free to the taxpayers. The alternative is to leave it there and let it wash down in every flood. Since California State agencies are doing nothing to remove mercury from California's active waterways, it is grossly irresponsible to point the finger at suction dredgers who are the only ones removing the mercury, at no cost to the taxpayers! Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers' who has allowed his personal political agenda get in the way of real science. Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which rewards dredge miners for collecting and turning in mercury.

DFG should not limit the number of suction dredging permits: There is no evidence presented in the SEIR that 14 years of dredging under the 1994 regulations ever harmed a single fish, much less threatened the viability of an entire species. Further, doesn't the DFG issue licenses specifically to kill fish? What if I want to operate a dredge in some

part of California where there would not be a deleterious impact, such as my claim above Bullard Bar dam which destroyed the fish spawn decades ago? A limit on permits may prohibit me or someone else from using a suction dredge without a viable reason.

Onsite inspections should be immediately signed off when approved: There should not be a delay in signing off on a site inspection in cases where DFG officials cannot identify a deleterious impact. There should be a time limit in the regulations in which the application will be approved or disapproved. Due process should be allowed if I desire to appeal an application which has been disapproved.

Prior existing rights on permit acquisition: There must be an allowance for prior existing rights on a limited permit program. Otherwise, dredge-miners who have already invested in property and equipment could potentially lose our prior existing right to work our mining claims or other mining opportunities (belonging to an association that provides access to mining property).

Statewide permits, if limited, should be transferable: Permits shouldn't be arbitrarily limited in numbers, but if they are, they should be transferable. Otherwise, miners will make the substantial investment into developing a viable mine and then not be able to transfer ownership to someone new who will be able to dredge it, therefore losing some or most of the value.

DFG should not further-limit the size of dredges under the statewide permitting program: I do not believe that DFG has the authority to step onto the public lands and impose a permit restriction upon the productive capacity of my dredge without also coming up with specific reasons why existing capacities under the 1994 regulations are creating a deleterious impact upon fish. Please leave nozzle restriction sizes as they were in the 1994 regulations. The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch (diameter) is reasonable.

DFG should not further-limit the places where dredging is allowed: This proposal is just supported by your "precautionary approach." Except for those areas where you can demonstrate that a deleterious impact has been created under the existing regulations, please leave our seasons as they have been since 1994.

Reduction of our existing dredging seasons is unreasonable: I do not see that the SEIR contains evidence of any deleterious impact upon fish to support the reduction of existing dredging seasons. This proposal is only supported by your "precautionary approach." Except for those time periods where you can demonstrate that a deleterious impact has been created under the existing regulations, you should leave our seasons as they have been since 1994.

The proposed 3-foot rule is arbitrary: The SEIR has not presented any

real evidence that dredging within three feet of the streambank has ever harmed a single fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 already allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, also imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. Nobody else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers. This also applies to the use of power winches, which provide the only safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger unless the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations already prohibit dredge operation at times when fish may be too small to swim away from pump intakes as they are already being manufactured.

Permits should be valid in any dredgable state water: Since existing regulations already set the times and places where dredging is not deleterious to fish, I do not see any practical reason to force dredge-miners to inform DFG exactly where they are dredging. Indeed, I think this is an intrusive invasion of privacy. Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is not workable: There is no practical way of attaching a sign to a small dredge! What does this have to do with preventing a deleterious impact upon fish? This is just bureaucracy wrapping itself in red tape.

Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than to prohibit the spillage of fuel. Millions of boaters all over California

are allowed to keep fuel safely in their boats. Your proposed regulations would prohibit suction dredgers from doing the very same thing!

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Returning the site to the pre-mining grade to the greatest extent possible: Since it is impossible to move tailings and rocks upstream against any current, the requirement to fill in our holes and level off our tailings is unrealistic. The dredge holes which I leave behind create cool water refuges where salmon and other fish hold up during the warm summer months. My piled cobbles create protected habitat where fingerlings can hide from predators. I have seen many salmon and trout feeding from my tailings as the insects are washed free.

Dredge mining between one half hour after sunrise to sunset: How did this even get proposed? Your authority is limited to preventing a deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern to local authorities where it belongs.

Finally, the proposed regulations should allow visitors from other countries to use a foreign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we already receive that like to do their gold prospecting here. Your non-resident license fee is already sufficiently expensive to discourage many.

Thank you very much for giving careful consideration to my comments and suggestions!

Sincerely,

Michelle Scott 682 Pine Meadows #1 Sparks, NV 89431 **Subject:** Proposed Dredge regulations

Date: Thursday, April 14, 2011 7:03:18 PM PT

From: Richard

To: dfgsuctiondredge@dfg.ca.gov

Mark Stopher

California Department of Fish and Game

601 Locust Street

Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

Dear Sir,

As an active claim holder, and avid gold miner, I wish to make my opinions known about the SEIR and Proposed Regulations for suction dredge mining in California. In order to be fair, you should use a proper baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed. I believe the Department is using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the serious beneficial economic and social impacts to Americans which would result from your proposed regulations.

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DFG should not further-limit the size of dredges under the statewide permitting program: I do not believe that DFG has the authority to step onto the public lands and impose a permit restriction upon the productive capacity of my dredge without also coming up with **specific** reasons why existing capacities under the 1994 regulations are creating a deleterious impact upon fish. Please leave nozzle restriction sizes as they were in the 1994 regulations. The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch (diameter) is reasonable.

DFG should not further-limit the places where dredging is allowed: This proposal is just supported by your "precautionary approach." Except for those areas where you can demonstrate that a deleterious impact has been created under the existing regulations, please leave our seasons as they have been since 1994.

Reduction of our existing dredging seasons is unreasonable: I do not see that the SEIR contains evidence of any deleterious impact upon fish to support the reduction of existing dredging seasons. This proposal is only supported by your "precautionary approach." Except for those time periods where you can demonstrate that a deleterious impact has been created under the existing regulations, you should leave our seasons as they have been since 1994.

The proposed 3-foot rule is arbitrary: The SEIR has not presented any real evidence that dredging within three feet of the streambank has ever harmed a single fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 already allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, also imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. Nobody else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers. This also applies to the use of power winches, which provide the only safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger unless the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations already prohibit dredge operation at times when fish may be too small to swim away from pump intakes as they are already being manufactured.

Permits should be valid in any dredgable state water: Since existing regulations already set the times and places where dredging is not deleterious to fish, I do not see any practical reason to force dredge-miners to inform DFG exactly where they are dredging. Indeed, I think this is an intrusive invasion of privacy. Since I intend to **prospect**, I will not know the exact locations where I will be dredging at the time I apply for my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is not workable: There is no practical way of attaching a sign to a small dredge! What does this have to do with preventing a deleterious impact upon fish? This is just bureaucracy wrapping itself in red tape.

Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than to prohibit the spillage of fuel. Millions of boaters all over California are allowed to keep fuel safely in their boats. Your proposed regulations would prohibit suction dredgers from doing the very same thing!

Disturbance of mussel beds: It is unreasonable to propose that every suction dredger must now do a survey before dredging to make certain that there is no place within 30 feet downriver where more than 40 muscles per square yard exist before dropping tailings! Some rivers are so inundated with muscles; this imposition would amount to a suction dredge prohibition in a large part of the waterway! And since there are so many, why? How does the protection of mussels from dredgeminers conform to the language of Section 5653? Please drop this silly mussel idea from final regulations.

Returning the site to the pre-mining grade to the greatest extent possible: Since it is impossible to move tailings and rocks upstream against any current, the requirement to fill in our holes and level off

our tailings is unrealistic. The dredge holes which I leave behind create cool water refuges where salmon and other fish hold up during the warm summer months. My piled cobbles create protected habitat where fingerlings can hide from predators. I have seen many salmon and trout feeding from my tailings as the insects are washed free.

Dredge mining between one half hour after sunrise to sunset: How did this even get proposed? Your authority is limited to preventing a deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern to local authorities where it belongs.

Finally, the proposed regulations should allow visitors from other countries to use a foreign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we already receive that like to do their gold prospecting here. Your non-resident license fee is already sufficiently expensive to discourage many.

Thank you very much for giving careful consideration to my comments and suggestions!

Sincerely,

Richard Scott

Subject: DFG's Proposed Dredge Regulations in California

Date: Wednesday, April 13, 2011 4:40:46 PM PT

From: Henry A Sisler

To: dfgsuctiondredge@dfg.ca.gov

Mark Stopher Dear Sir,

AS A Impendent Small Weekend Gold dredger in California, for over 12 years now, Please consider my following comments regarding the SEIR

and Proposed Regulations for suction dredgeSEIR Baseline is wrong: I take strong exception to the Department using an arbitrary and misleading (No Proof Study, on the effects of dredging.) baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appeargreater than they really are, and in an attempt to marginalize the serious economic and social impacts to proper baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed.

Mercury is not a problem: Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers who has allowed his personal

political agenda get in the way of real science. The SEIR does not give enough weight to the discovery by Rick Humphries Report of California

Water Resources ControlBoard that normal gold dredges are effective at recovering at least 98% of the mercury from the bottom of California's waterways.

(.I myself have collected a lot of Mercury in several different rivers in CA..as well as WA state,) The SEIR does not acknowledge, based upon your own survey results, that suction dredgers have been removing over 7,000 ounces of mercury or more every year

under the 1994 regulations from California's waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations!

Adoption of the SEIR position would be fundamentally unreasonable in a context where the mercury is inevitably migrating downstream to areas where it is believed to be potentially harmful. Since California State agencies are doing nothing to remove mercury from California's activewaterways, it is grossly irresponsible to point the finger at suction dredgers who are the only ones

that are removing the mercury, at no cost to the taxpayers!Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which rewards dredgeminersfor collecting and turning in mercury.Identification requirement:

The proposed regulations should allow visitors from other countries to use aforeign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we already receive that like todo their gold prospecting here.DFG should not limit the number of suction dredging permits: There is no evidence presented in theSEIR that 14 years of dredging under the 1994 regulations ever harmed a single fish, much less threatenedthe viability of an entire species

What if I want to operate a dredge in some part of California where therewould not be a deleterious impact? A limit on permits may prohibit me or someone else from using a suction dredge without a viable reason. Allowing additional dredge permits after site inspection: In the event that DFG decides to impose (reasonable) limits in a blanket statewide permit program that will allow for most suction dredgers, I do not believe DFG has the authority to declare a wholesale prohibition to dredge mining in the other vast areaswhich exist on the public lands that would not be covered by the blanket permit. DFG has a site inspection mechanism allowing you to consider more individualized impacts in areas, and during time periods, when and where dredging would not be

allowed in a

statewide program.On site inspections should be immediately signed off when approved: There should not be a delay in signing off on a site inspection in cases where DFG officials cannot identify a

deleterious impact. There should be a time limit in the regulations in which the application will be approved or disapproved. Due process should be allowed if I desire to appeal an application which has

been disapproved. Prior existing rights on permit acquisition: There must be an allowance for prior existing rights on a limited permit program. Otherwise, dredge-miners who have already invested in property and equipment could potentially lose our prior existing right to work our mining claims or other mining opportunities (belonging to an association that provides access to mining property). Statewide permits, if limited, should be transferable: Permits should be transferable if there is going to be a limit on the number allowed under a statewide program. Otherwise, miners will make the substantial

investment into developing a viable mine and then not be able`to transfer ownership to someone new who will be able to dredge it, therefore losing some or most of the value.DFG should not further-limit

the size of dredges under the statewide permitting program: (I personaly use a 6`` dredge with a tribble box, loosing nothing in small gold, 5`intake), I do not believe that DFG has the authority to step onto

the public lands and impose a permit restriction upon the productive capacity of my dredge without also coming up with specific reasons why existing capacities under the 1994 regulations are creating

deleterious impact upon fish. Please leave nozzle restriction sizes as they were in the 1994 regulations. The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch (diameter) is reasonable. Allowing larger-sized nozzles after site inspection: If a dredger wants to operate a dredge having a larger nozzle than is allowed under a statewide permitting scheme,

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supported by your "precautionary approach." Except for those areas where you can demonstrate that a deleterious impact has been created under the existing regulations, please leave our seasons as they have

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has ever harmed a single fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

It would be more productive to provide better language describing what the "bank" is in relation to dredge

mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is

partially out

of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges

more and more out of the water as the dry season evolves? Existing language is not clear enough.

The

proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining

opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 already allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, also imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than

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allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon

dredge-miners. Nobody else in California is required to pursue a Section 1600 permit until their activity

rises to the level of requiring one. It should not be any different for suction dredgers. This also applies to the use of power winches, which provide the only safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that

are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger unless the

surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code. Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations already prohibit dredge operation at times when fish may be too small to swim away from pump intakes as

they are already being manufactured.

Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes. To

avoid conflict, you should adopt something larger than the two hole sizes which are already being used on

most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times and

places where dredging is not deleterious to fish, I do not see any practical reason to force dredgeminers to

inform DFG exactly where they are dredging – and then hold them to the location unless the permit is

amended.

Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for

my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold

without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is not workable: There is no practical way of attaching a sign to a

small dredge! What does this have to do with preventing a deleterious impact upon fish?

If you must have an identification number on my dredge, you should eliminate the requirement of 3-inch

number and allow the numbers to be marked either on the pontoons or the sluice box, but only if it is

possible to do so. This would allow smaller numbers in the case of smaller dredges.

Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than

to prohibit the spillage of fuel. Millions of boaters all over California are allowed to keep fuel safely in

their boats. Your proposed regulations would prohibit suction dredgers from doing the very same thing!

There are plenty of effective ways to prevent fuel from leaking into the waterway without making a dredge miner

hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are already

routinely part of a dredge program to assist with cleanup of concentrates.

Disturbance of mussel beds: It is unreasonable to propose that every suction dredger must now do a survey before dredging to make certain that there is no place within 30 feet downriver where more than 40

muscles per square yard exist before dropping tailings! Some rivers are so inundated with muscles; this

imposition would amount to a suction dredge prohibition in a large part of the waterway! And why, since

there are so many? How does the protection of mussels from dredge-miners conform to the language of

Section 5653? Please drop this silly mussel idea from final regulations.

Returning the site to the pre-mining grade to the greatest extent possible: Since it is impossible to move tailings and rocks upstream against a swift current, the requirement to fill in our holes and

041411 Camille

Reduction of our existing dredging seasons is unreasonable: I do not see that the SEIR contains evidence of a deleterious impact upon fish to support the reduction of existing dredging seasons that are in the 1994 regulations. This proposal is only supported by your "precautionary approach." Except for those time periods where you can demonstrate that a deleterious impact has been created under the existing regulations, you leave our seasons as they have been since 1994.

The proposed 3-foot rule is unreasonable: The SEIR has not presented any real evidence that dredging within three feet of the streambank has ever harmed a single fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

It would be more productive to provide better language describing what the "bank" is in relation to dredge mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 already allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, also imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. Nobody else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers.

This also applies to the use of power winches, which provide the only safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger unless the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

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Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes. To avoid conflict, you should adopt something larger than the two hole sizes which are already being used on most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times and places where dredging is not deleterious to fish, I do not see any practical reason to force dredge-miners to inform DFG exactly where they are dredging - and then hold them to the location unless the permit is amended.

Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is <u>not</u> workable: There is no practical way of attaching a sign to a small dredge! What does this have to do with preventing a deleterious impact upon fish?

If you must have an identification number on my dredge, you should eliminate the requirement of 3-inch number and allow the numbers to be marked either on the pontoons or the sluice box, but <u>only</u> if it is possible to do so. This would allow smaller numbers in the case of smaller dredges.

Fuel should be allowed within 100 feet of the waterway if kept within a water-tight container or a boat: I question your authority on placing any requirement upon suction dredgers in this matter, other than to prohibit the spillage of fuel. Millions of boaters all over California are allowed to keep fuel safely in their boats. Your proposed regualtions would prohibit suction dredgers from doing the very same thing!

There are <u>plenty</u> of effective ways to prevent fuel from leaking into the waterway without making a dredgeminer hike 100 feet up the embankment. At the very least, fuel can be placed inside of a boat, or inside a sealed catch tub of some kind up on the embankment to prevent leakage. These catch tubs are <u>already</u> routinely part of a dredge program to assist with cleanup of concentrates.

Disturbance of mussel beds: It is <u>unreasonable</u> to propose that every suction dredger must now do a survey before dredging to make certain that there is no place within 30 feet downriver where more than 40 muscles per square yard exist before dropping tailings! Some rivers are so inundated with muscles; this imposition would amount to a suction dredge prohibition in a large part of the waterway! And why, since there are so many? How does the protection of mussels from dredge-miners conform to the language of Section 5653? Please drop this silly mussel idea from final regulations.

Returning the site to the pre-mining grade to the greatest extent possible: Since it is <u>impossible</u> to move tailings and rocks upstream against a swift current, the requirement to fill in our holes and level off our tailings is unrealistic.

Ample evidence shows that salmon are <u>less</u> likely to place their redds in a heaped tailing pile, than they are on a pre-mining grade which is inundated with unstable gravel; so your proposal will actually create <u>more</u> harm than good! The dredge holes which I leave behind create cool water refuges where salmon and other fish hold up during the warm summer months. My piled cobbles create protected habitat where fingerlings can hide from predators. It would be better for the fish if we just allow Mother Nature to settle things out in the next storm event.

Dredge mining between one half hour after sunrise to sunset: Your authority is <u>limited</u> to preventing a deleterious impact upon fish. Please drop this from proposed regulations and leave this particular concern to local authorities where it belongs.

Thank you very much for giving careful consideration to my comments and suggestions!

Sincerely,

Name and Address

X 183 Happy Camp Ca

914201 Date We usually stay from Mid-May to Mid-Oct in N. CA for dredging. We support the local economy wherever we stay. And yes, we have never harmed a fish. 050211_Thayer

Mark Stopher

California Department of Fish and Game

601 Locust Street Redding, CA 96001

Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

Dear Sir,

Please consider my following comments regarding the SEIR and Proposed Regulations for suction dredge mining in California:

SEIR Baseline is wrong: I take <u>strong</u> exception to the Department using an arbitrary and misleading baseline within the SEIR in an underhanded attempt to make the impacts from suction dredging appear greater than they really are, and in an attempt to marginalize the <u>serious</u> economic and social impacts to Americans which would result from your proposed regulations. You should use a <u>proper</u> baseline that is based upon existing dredge and small business activity under the 1994 regulations during the season before the moratorium was imposed.

Mercury is <u>not</u> a problem: Your SEIR relies unreasonably upon the unfounded conclusions of Charles Alpers' who has allowed his personal political agenda get in the way of real science. The SEIR does <u>not</u> give enough weight to the discovery by Rick Humphries Report of California Water Resources Control Board that normal gold dredges are effective at recovering <u>at least</u> 98% of the mercury from the bottom of California's waterways.

The SEIR does <u>not</u> acknowledge, based upon your own survey results, that suction dredgers have been removing over 7,000 ounces of mercury or more <u>every</u> year under the 1994 regulations from California's waterways. That amounts to 98,000 ounces during the 14 years we operated under the 1994 regulations! Adoption of the SEIR position would be fundamentally unreasonable in a context where the mercury is inevitably migrating downstream to areas where it is believed to be potentially harmful.

Since California State agencies are doing <u>nothing</u> to remove mercury from California's active waterways, it is grossly irresponsible to point the finger at suction dredgers who are the <u>only</u> ones that are removing the mercury, at no cost to the taxpayers!

Rather than reduce the amount of mercury which we are removing from the ecosystem, the responsible approach for State agencies would be to create a collection system in California which <u>rewards</u> dredgeminers for collecting and turning in mercury.

Identification requirement: The proposed regulations should allow visitors from other countries to use a foreign passport or driver's license as identification so they can apply for nonresident suction dredge permits. Otherwise, California will be discouraging the many visitors which we <u>already</u> receive that like to do their gold prospecting here.

DFG should not limit the number of suction dredging permits: There is no evidence presented in the SEIR that 14 years of dredging under the 1994 regulations <u>ever</u> harmed a <u>single</u> fish, much less threatened the viability of an entire species. What if I want to operate a dredge in some part of California where there would not be a deleterious impact? A limit on permits may prohibit me or someone else from using a suction dredge without a viable reason.

Allowing additional dredge permits after site inspection: In the event that DFG decides to impose (reasonable) limits in a blanket statewide permit program that will allow for most suction dredgers, I do not believe DFG has the authority to declare a wholesale prohibition to dredge mining in the other vast areas which exist on the public lands that would not be covered by the blanket permit. DFG has a site inspection mechanism allowing you to consider more individualized impacts in areas, and during time periods, when and where dredging would not be allowed in a statewide program.

Onsite inspections should be immediately signed off when approved: There should <u>not</u> be a delay in signing off on a site inspection in cases where DFG officials cannot identify a deleterious impact. There should be a time limit in the regulations in which the application will be approved or disapproved. Due process should be allowed if I desire to appeal an application which has been disapproved.

Prior existing rights on permit acquisition: There <u>must</u> be an allowance for prior existing rights on a limited permit program. Otherwise, dredge-miners who have already invested in property and equipment could potentially lose our prior existing right to work our mining claims or other mining opportunities (belonging to an association that provides access to mining property).

Statewide permits, if limited, should be transferable: Permits should be transferable if there is going to be a limit on the number allowed under a statewide program. Otherwise, miners will make the substantial investment into developing a viable mine and then not be able to transfer ownership to someone new who will be able to dredge it, therefore losing some or most of the value.

DFG should not further-limit the size of dredges under the statewide permitting program: I do not believe that DFG has the authority to step onto the public lands and impose a permit restriction upon the productive capacity of my dredge without also coming up with specific reasons why existing capacities under the 1994 regulations are creating a deleterious impact upon fish. Please leave nozzle restriction sizes as they were in the 1994 regulations.

The regulations should also allow a wear tolerance factor on nozzle restrictor rings. I suggest 3/8 of an inch (diameter) is reasonable.

Allowing larger-sized nozzles after site inspection: If a dredger wants to operate a dredge having a larger nozzle than is allowed under a statewide permitting scheme, the Department should allow the activity as long as no deleterious impact can be determined though a site inspection.

DFG should not further-limit the places where dredging is allowed: This proposal is just supported by your "precautionary approach." Except for those areas where you can demonstrate that a deleterious impact has been created under the existing regulations, please leave our seasons as they have been since 1994.

Gold miners should be afforded due process, and should be allowed to proceed in areas which are not allowed under a statewide permit, as long as a site inspection cannot turn up evidence of a deleterious impact.

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The proposed 3-foot rule is unreasonable: The SEIR has not presented any <u>real</u> evidence that dredging within three feet of the streambank has <u>ever</u> harmed a <u>single</u> fish. This prohibition would prevent beginners, non-swimmers or children from starting closer to the shore where water is shallower and more safe. Prohibiting dredging within three feet of the edge of the river will eliminate a significant portion of the operational value (perhaps even all of it) on some dredging properties.

It would be more productive to provide better language describing what the "bank" is in relation to dredge mining. For example, is there a "bank" in relationship to a gravel bar out in the waterway that is partially out of the water? What about a bar alongside the waterway that is submerged during the spring, but emerges more and more out of the water as the dry season evolves? Existing language is not clear enough. The proper answer is to clear that up, rather than impose an additional buffer zone which reduces our mining opportunities.

Suction dredge regulations should not impose the requirement of Section 1600 Agreements: Fish & Game Section 5600 <u>already</u> allows a site inspection mechanism for the Department to determine if a dredging program is deleterious to fish. Therefore, <u>also</u> imposing a Section 1600 requirement upon dredgers who wish to mine at a time or location that is otherwise closed, or to use larger nozzle than is allowed under a statewide permit, when there is little or no chance the dredge project will create a substantial impact upon the bed or bank of the waterway, would be an unreasonable imposition upon dredge-miners. <u>Nobody</u> else in California is required to pursue a Section 1600 permit until their activity rises to the level of requiring one. It should not be any different for suction dredgers.

This also applies to the use of power winches, which provide the <u>only</u> safe and efficient means of progressing when some rocks are too heavy to move by hand, or they cannot be rolled over other rocks that are in the way. You should not impose a 1600 Agreement requirement upon a gold dredger <u>unless</u> the surface disturbance rises to the level which triggers Section 1600 of the Fish & Game Code.

Imposition of the 3/32-inch intake requirement on pumps is unreasonable: The 1994 regulations <u>already</u> prohibit dredge operation at times when fish may be too small to swim away from pump intakes as they are already being manufactured.

Most dredges today are being produced using 3/16th inch or 15/64th inch holes for the pump intakes. To avoid conflict, you should adopt something larger than the two hole sizes which are already being used on most dredges in California.

Allowance of permit locations must be more broad: Since existing regulations already set the times and places where dredging is not deleterious to fish, I do not see any practical reason to force dredge-miners to inform DFG exactly where they are dredging – and then hold them to the location unless the permit is amended.

Since I intend to prospect, I will not know the exact locations where I will be dredging at the time I apply for my permit. You should broaden the location requirement in your permit application to naming the waterways where I intend to work. This will allow me some flexibility to move around in search of gold without having to make an expensive trip to the closest Department license sales office to amend my permit.

The proposed dredge marking system is <u>not</u> workable: There is no practical way of attaching a sign to a small dredge! What does this have to do with preventing a deleterious impact upon fish?

If you must have an identification number on my dredge, you should eliminate the requirement of 3-inch number and allow the numbers to be marked either on the pontoons or the sluice box, but <u>only</u> if it is possible to do so. This would allow smaller numbers in the case of smaller dredges.

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Sybil Thayer Sioux Falls SD 57106 5/2/11

Name and Address 3700 S. Westport Rive #1850

Reds Mike Thayer 3700 S. Westport Rive #1850

Sioux Falls, SD 57106 5/2/11

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Fax: (530) 225-2391 E-mail: dfgsuctiondredge@dfg.ca.gov

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Name and Address

S 2022 CRESTWOOD UN 4-29-2011 KELSO, WA 98626 Date

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