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**Lahontan Regional Water Quality Control Board**

June 30, 2016

WDID 6B260801001

Charlton H. Bonham, Director  
California Department of Fish & Wildlife  
1416 Ninth Street, 12th Floor  
Sacramento, CA 95814  
[Director@wildlife.ca.gov](mailto:Director@wildlife.ca.gov)

CERTIFIED MAIL 7009 0820 0001 6630 3645  
RETURN RECEIPT REQUESTED

**SETTLEMENT OFFER NO. R6V-2016-0040: OFFER TO PARTICIPATE IN EXPEDITED PAYMENT PROGRAM RELATING TO VIOLATIONS OF THE NPDES PERMIT FOR CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE, HOT CREEK HATCHERY, MAMMOTH LAKES, MONO COUNTY, (ORDER NO. R6V-2006-0027, NPDES PERMIT NO. CA0102776)**

This letter is to notify the California Department of Fish and Wildlife (hereinafter "Permittee or "DFW") of alleged violations of Board Order No. R6V-2006-0027 identified in the State Water Resources Control Board's water quality data system and to allow DFW to participate in the Lahontan Regional Water Quality Control Board's (Water Board) Expedited Payment Program for Effluent and/or Reporting Violations (Expedited Payment Program) to address mandatory minimum penalties that must be assessed pursuant to California Water Code section 13385.

**NOTICE OF VIOLATION:**

Based on information in the California Integrated Water Quality System (CIWQS) as of January 4, 2016, the Water Board alleges that DFW has violated the effluent limitations identified in the Notice of Violation (NOV) attached as Exhibit "1". DFW will have the opportunity to address the alleged violations as discussed below.

**STATUTORY LIABILITY:**

Subdivisions (h) and (i) of California Water Code section 13385 require the assessment of a mandatory minimum penalty of three thousand dollars (\$3,000) for specified serious and chronic effluent limit violations. DFW is also subject to discretionary administrative civil liabilities of up to ten thousand dollars (\$10,000) for each day in which the violation occurs, plus ten dollars (\$10) for each gallon discharged but not cleaned up in excess of 1,000 gallons. These mandatory minimum penalties and discretionary administrative civil liabilities may be assessed by the Water Board beginning with the date that the

violations first occurred.<sup>1</sup> The formal enforcement action that the Water Board uses to assess such liability is an administrative civil liability complaint, although the Water Board may instead refer such matters to the Attorney General's Office for prosecution. If referred to the Attorney General for prosecution, the Superior Court may assess up to twenty-five thousand dollars (\$25,000) per day of violation. In addition, the Superior Court may assess up to twenty-five dollars (\$25) per gallon discharged but not cleaned up in excess of 1,000 gallons.

#### **OFFER TO PARTICIPATE IN EXPEDITED PAYMENT PROGRAM:**

DFW can avoid the issuance of a formal enforcement action and settle the alleged violations identified in the attached NOV by participating in the Water Board's Expedited Payment Program. Details of the proposed settlement are described below and addressed in the enclosed documents.

To promote resolution of these violations, the Water Board makes this Conditional Offer. DFW may accept this offer, waive DFW's right to a hearing, and pay the mandatory minimum penalty of **\$6,000** for the violations described in the attached NOV. If DFW elects to do so, subject to the conditions below, the Water Board will accept that payment in settlement of any enforcement action that would otherwise arise out of the violations identified, above. Accordingly, the Water Board will forego issuance of a formal administrative complaint, will not refer the violations to the Attorney General, and will waive its right to seek additional discretionary civil liabilities for the violations identified in the attached NOV.

The Expedited Payment Program does not address or resolve liability for any violation, other than the violations specifically identified, above, regardless of the date that the violation occurred.

#### **PERMITTEE'S OPTIONS FOR RESPONSE TO OFFER:**

If DFW accepts this offer, please complete and return the enclosed "Acceptance of Conditional Resolution and Waiver of Right to Hearing; (proposed) Order" (Acceptance and Waiver) on or before **August 12, 2016**.

If DFW chooses to contest any of the violations alleged in the attached NOV, please identify the specific violation and the basis for the challenge (factual error, affirmative defense, etc.) on or before **August 12, 2016**.

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<sup>1</sup> Please note that there are no statutes of limitation that apply to administrative proceedings to assess mandatory minimum penalties. See *City of Oakland v. Public Employees' Retirement System*, (2002) 95 Cal.App.4th 29, 48; 3 Witkin, Cal. Procedure (4th ed. 1996) Actions, §405(2), p. 510.) Additionally, the State Water Resources Control Board had determined that the equitable doctrine of laches does not apply to mandatory minimum penalties. Additionally, the State Water Resources Control Board had determined that the equitable doctrine of laches does not apply to mandatory minimum penalties. (State Water Board Order Nos. 2013-0053, 2013-0054, 2013-0055, 2013-0099.)

The Water Board staff will evaluate the contested violation(s) and take one of two actions:

1. Water Board staff will determine that the violation(s) is not supported, expunge the alleged violation(s) from the CIWQS database, take no further action against DFW for the alleged violation(s), and notify DFW of that determination. DFW will be given thirty (30) days from the date of receipt of the Water Board staff determination to complete and return the Acceptance and Waiver for the remainder of the violations; or
2. Water Board staff will determine that the alleged violation(s) is meritorious, and will notify DFW of that determination. DFW will be given thirty (30) days from the date of receipt of the Water Board staff determination to complete and return the Acceptance and Waiver.

If DFW chooses not to make a payment in response to the Water Board staff's determination, DFW should expect to be contacted regarding formal enforcement action that will be initiated with regard to the contested violations. In a formal enforcement action, the liability amount sought and/or imposed may exceed the liability amount set forth in this Conditional Offer.

#### **CONDITIONS FOR REGIONAL WATER BOARD ACCEPTANCE OF RESOLUTION:**

Federal regulations and the State Water Resources Control Board's Enforcement Policy require the Water Board to publish and allow the public thirty (30) days to comment on any settlement of an enforcement action addressing NPDES permit violations (40 C.F.R. section 123.27(d)(2)(iii)). Upon receipt of DFW's Acceptance and Waiver, Water Board staff will publish a notice of the proposed resolution of the violations.

If no comments are received within the 30-day comment period, and unless there are new material facts that become available to the Water Board, the Water Board Executive Officer will execute the Acceptance and Waiver as a stipulated order assessing the uncontested mandatory minimum penalty amount pursuant to Water Code section 13385.

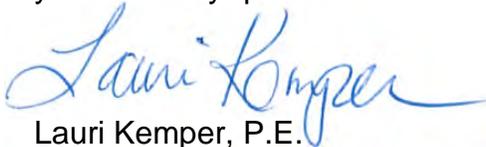
If, however, significant comments are received in opposition to the settlement, this Offer may be withdrawn. In that case, DFW's waiver pursuant to the Acceptance and Waiver will also be treated as withdrawn, and the violations will be addressed in a liability assessment proceeding. At the liability assessment hearing, DFW will be free to make arguments as to any of the alleged violations, and DFW's agreement to accept this conditional offer will not in any way be binding or used as evidence against DFW. DFW will be provided with further information on the liability assessment proceeding.

In the event the Acceptance and Waiver is executed by the Water Board Executive Officer, full payment of the assessed amount shall be due within thirty (30) calendar days after the Water Board Executive Officer's execution. In accordance with California Water Code section 13385(n)(1), funds collected for violations of effluent limitations

pursuant to section 13385 shall be deposited in the State Water Pollution Cleanup and Abatement Account. Accordingly, the \$6,000 liability shall be paid by cashiers or certified check for \$6,000 made out to the "State Water Pollution Cleanup and Abatement Account". Failure to pay the full penalty within the required time period may subject DFW to further liability.

All responses to this Conditional Offer shall be submitted via email, under penalty of perjury, to: [Lahontan@waterboards.ca.gov](mailto:Lahontan@waterboards.ca.gov). Please include "Hot Creek Hatchery EPL" and the WDID No. in the transmittal email's subject line.

Please contact Catherine Pool at 530-542-5460 ([catherine.pool@waterboards.ca.gov](mailto:catherine.pool@waterboards.ca.gov)) if you have any questions about this Conditional Offer or Notice of Violation.



Lauri Kemper, P.E.  
Assistant Executive Officer

Enclosures: 1. Exhibit "1" – Notice of Violation  
2. Acceptance of Conditional Resolution and Waiver of Right to Hearing;  
(proposed) Order

cc: Regional Board Members

Stafford Lehr, Fishery Branch Chief, DFW

Mike Giusti, Environmental Program Manager, DFW

Terry Jackson, Statewide Hatchery NPDES & Homeland Security Coordinator, DFW

Gary Williams, Senior Hatchery Supervisor, DFW

Mike Escallier, Hatchery Manager, DFW

Nancee Murray, Staff Counsel, DFW

Nickolaus Knight, Staff Counsel III, State Water Board, Office of Enforcement

Kimberly Niemeyer, Staff Counsel III, State Water Board, Office of Chief Counsel

Patty Z. Kouyoumdjian, Executive Officer, Lahontan Water Board

Mike Plaziak, Supervising Engineering Geologist, Lahontan Water Board

Catherine Pool, Senior Water Resource Control Engineer, Lahontan Water Board

Daryl Kambitsch, Lahontan Water Board



Lahontan Regional Water Quality Control Board

June 30, 2016

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Charlton H. Bonham, Director
California Department of Fish & Wildlife
1416 Ninth Street, 12th Floor
Sacramento, CA 95814
Director@wildlife.ca.gov

CERTIFIED MAIL 7009 0820 0001 6630 3645
RETURN RECEIPT REQUESTED

IN THE MATTER OF VIOLATION OF LAHONTAN )
WATER BOARD ORDER NO. R6V-2006-0027, ) NOTICE OF
NPDES PERMIT NO. CA0102776, ESTABLISHING ) VIOLATION
WASTE DISCHARGE REQUIREMENTS FOR THE )
HOT CREEK HATCHERY )

The purpose of this letter is to inform the California Department of Fish and Wildlife (DFW) that it is in violation of Lahontan Regional Water Quality Control Board (Water Board) Order No. R6V-2006-0027, NPDES Permit No. CA0102776 (permit) and Time Schedule Order No. R6V-2009-0016-A2 (TSO). The permit was adopted by the Water Board on June 15, 2006, and establishes waste discharge requirements for the discharge of waste from Hot Creek Hatchery to Hot Creek.

Background

The Water Board issued Time Schedule Order (TSO) No. R6V-2009-0016 to DFW on May 11, 2009, to address ongoing violations of permit effluent limitations for flow and Nitrate+Nitrite (as N). The TSO was issued pursuant to Water Code section 13300 and set forth actions that DFW shall take to address the above-referenced violations. The TSO also established interim effluent limitations for Nitrate+Nitrite (as N) and flow that would shield DFW from mandatory minimum penalties as long as DFW complied with the TSO.

Permit and TSO Violations

Permit section IV.A.1.b specifies effluent limitations for discharges to Hot Creek. Based on information in the California Integrated Water Quality System (CIWQS) as of January 4, 2016, the Water Board alleges that DFW violated effluent limitations prescribed by the permit for Total Suspended Solids and Nitrite+Nitrate (as N). Additionally, the Water Board alleges that DFW has violated the interim effluent limitations established by the TSO for Nitrite+Nitrate (as N). The specific effluent limitation violations are:

Violation Date	Monitoring Location	Constituent	Permit Effluent Limit	TSO Effluent Limit	Reported Value
July 6, 2015	M-004	Total Suspended Solids	15 mg/L, Daily Maximum	Not Applicable	24.9 mg/L
March 2015	M-003	Nitrite and Nitrate (as N)	0.23 mg/L, Monthly Average	0.45 mg/L, Monthly Average	0.59 mg/L

Please contact me at (530) 542-5460 ([catherine.pool@waterboards.ca.gov](mailto:catherine.pool@waterboards.ca.gov)), if you have any questions regarding this matter.



for  
Cathe Pool, P.E.  
Senior Water Resource Control Engineer  
Enforcement and Special Projects Unit

Enclosure 1 Excerpt from July 2015 SMR  
Enclosure 2 Excerpt from March 2015 SMR

EJT/ma/T: Hot Creek Hatchery MMP NOV 2015-6-19  
File Under: ECM / WDID 6B260801001

State of California  
Department of Fish and Game  
**M e m o r a n d u m**



Date 8/19/15

**To:** California Regional Water Quality Control Board / Lahontan Region  
14440 Civic Drive, Suite 200  
Victorville, CA 92392

**From:** Department of Fish and Game, Hot Creek Hatchery

**Subject:** July, 2015 Monthly Self Monitoring Report

Please find enclosed the Self Monitoring Report (SMR) encompassing the monthly requirements for July, 2015 in accordance with Board Order No. R6V-2006-0027 Waste Discharge Requirements and Time Schedule Order No. R6V-2009-0016 for Hot Creek Hatchery, NPDES No. CA102776.

Data collections showed a violation of an instantaneous maximum for M004 for TSS. A value of 24.9 mg/l was recorded exceeding the limit of 15.0 mg/l. Subsequent testing was performed showing no values over 1.8 mg/l, leading us to believe that the violation in question may have been a sampling error. (A result of 6.2 mg/l was recorded in the first grab pair tested but may be biased high because of a lab error.)

The effluent water flows for all Discharge Points are calculated by hatchery personnel utilizing stream flow meters.

If you have any questions concerning this report, or require additional information this subject, please contact:

Mike Escallier, Hatchery Manager II  
Hot Creek Hatchery  
121 Hot Creek Hatchery Road  
Mammoth Lakes, CA 93546  
Telephone: 760-934-2664 / Fax: 760-934-5123

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations”

Sincerely,

Gary Williams  
Senior Hatchery Supervisor Regions 5/6

Attachment: Self-Monitoring Report for July, 2015

cc: California Department of Fish and Game  
File  
Terry Jackson

Date 8/19/15

California Regional Water Quality Control Board  
Lahontan Region  
14440 Civic Drive, Suite 200  
Victorville, CA 92392

Facility Name: HOT CREEK HATCHERY

Address: 121 HOT CREEK HATCHERY ROAD  
MAMMOTH LAKES, CA 93546

Prepared By : DANIEL TONSETH

Job Title: FISH AND WILDLIFE TECHNICIAN

Phone: (760)934-2664

Email: hotcreek@dfg.ca.gov

WDR/NPDES Order Number: R6V-2006-0027

WDID Number: 6B260801001

Time Schedule Order Number: R6V-2009-0016

Type of Report (Highlight): **Monthly** Quarterly Semi-Annual Annual Other

Month(s) highlight applicable month(s)\*: JAN FEB MAR APR MAY JUN  
**JUL** AUG SEP OCT NOV DEC

Year: 2015

Violation(s) of NPDES Order No. R6V-2006-0027? (Please check one): NO X YES<sup>11</sup>

Violation(s) of Time Schedule Order No. R6V-2009-0016? (Please check one): X NO YES<sup>11</sup>

\*If YES is marked complete items A through H below (Attach additional information as necessary)

**California Department of Fish and Game - Hot Creek Hatchery  
July 2015, Report  
NPDES No. CA0102776**

Conventional and Non-Conventional Pollutants

Hatchery Source Waters

Monitoring Location S001-Headwaters AB Spring

Date	Collector	Time	T.S.S. mg/L
7/6/2015	D. Tonseth	9:52	2.6
			RL=2.0
			MDL=0.3

Monitoring Location S002-Headwaters CD Spring

Date	Collector	Time	T.S.S. mg/L
7/6/2015	D. Tonseth	9:57	1.5
			RL=2.0
			MDL=0.3

Monitoring Location S003-Hatchery I Spring

Date	Collector	Time	T.S.S. mg/L
7/6/2015	D. Tonseth	10:04	1.9
			RL=2.0
			MDL=0.3

Monitoring Location S004-Hatchery II Spring

Date	Collector	Time	T.S.S. mg/L
7/6/2015	D. Tonseth	10:11	2.2
7/6/2015	D. Tonseth	10:11	2.7
			RL=2.0
			MDL=0.3

Monitoring Location PSHI-C-Raceway Head Box

Date	Collector	Time	T.S.S. mg/L
7/6/2015	D. Tonseth	10:17	0.7
7/6/2015	D. Tonseth	10:17	0.8
			RL=2.0
			MDL=0.3

**California Department of Fish and Game - Hot Creek Hatchery  
 July 2015, Report  
 NPDES No. CA0102776**

Hatchery Effluent Waters

Monitoring Location M001 - Outfall of Settling Pond I

Date	Collector	Time	T.S.S. mg/L	PH	MGD
7/6/2015	D. Tonseth	9:10	3.2	7.7	
7/6/2015	D. Tonseth	11:15	2.8	7.8	
7/6/2015	D. Tonseth	13:14			1.9
		<b>AVG</b>	3.0		
			RL=2.0	RL=0.01	RL=0.01
			MDL=0.3		

Monitoring Location M002 - Outfall of Settling Pond II

Date	Collector	Time	T.S.S. mg/L	PH	MGD
7/6/2015	D. Tonseth	9:14	1.4	7.6	
7/6/2015	D. Tonseth	11:20	2.3	7.4	
7/6/2015	D. Tonseth	13:33			2.9
		<b>AVG</b>	1.9		
			RL=2.0		
			MDL=0.3		

Monitoring Location M003 - Outfall of McBurney Pond

Date	Collector	Time	T.S.S. mg/L	PH	MGD
7/6/2015	D. Tonseth	9:17	11.1	7.8	
7/6/2015	D. Tonseth	11:25	1.3	7.7	
7/6/2015	D. Tonseth	12:35			2.9
		<b>AVG</b>	6.2		
			RL=2.0	RL=0.01	RL=0.01
			MDL=0.3		

Monitoring Location M004 - Outfall of Spawning House II

Date	Collector	Time	T.S.S. mg/L	PH	MGD
7/6/2015	D. Tonseth	9:25	6.2	7.4	
7/6/2015	D. Tonseth	11:33	24.9	7.6	
7/21/2015	D. Tonseth	8:20	1.8		
7/21/2015	D. Tonseth	10:22	1.1		
7/22/2015	D. Tonseth	8:30	0.9		
7/22/2015	D. Tonseth	10:35	1.2		
7/6/2015	D. Tonseth	14:27			2.2
		<b>AVG</b>	6.0		
			RL=2.0	RL=0.01	RL=0.01
			MDL=0.3		

CA DEPARTMENT OF FISH & GAME  
HOT CREEK FISH HATCHERY  
ORDER NO. R6V-2006-0027  
NPDES NO. CAO102776

a) **Brief Description of Violations:** Instantaneous maximum for TSS on M004.

b) **Section(s) of WDRs/NPDES Permit Violated:** Instantaneous maximum effluent limit.

c) **Reported Value(s) or Volume:** 24.9 mg/l for TSS

d) **WDRs/NPDES Limit/Condition:** 15.0 mg/l

e) **Date(s) and Duration of Violation(s):** 7/6/2015 at 11:33 am

f) **Explanation of Cause(s):** Due to the fact that one grab out of six exceed the permit, and how high the TSS levels were compared to the other six grabs, sampling error seems to be the cause of this violation. Also with historic low flows, algae growth seems to be excessive this year and the sample may have had more algae in it than normal, biasing the sample high for TSS

g) **Corrective Action(s):** Retraining of technician on correct sampling techniques.

**ATTACHMENT A – DFG WATER POLLUTION LABORATORY REPORTS**



State of California -The Natural Resources Agency  
 CA DEPARTMENT OF FISH AND WILDLIFE  
 Water Pollution Control Laboratory  
 2005 Nimbus Road  
 Gold River, CA 95670  
 http://www.wildlife.ca.gov  
 PHONE: (916) 358-2858 FAX (916) 985-4301

EDMUND G. BROWN JR., Governor  
 CHARLTON H. BONHAM, Director



### LABORATORY REPORT

**Name:** Mike Escallier **Lab Number:** L-434-15  
**Agency:** CA Department of Fish and Wildlife **Other Number:**  
**Address:** 121 Hot Creek Hatchery Rd. **Date Sampled:** 7/6/2015  
**City:** Mammoth Lakes, CA 93546 **Date Received:** 7/7/2015  
**Date Completed:** 7/29/2015  
**Index-PCA Code:** 4240 32368

**RE: RESULTS OF CHEMICAL ANALYSIS:** See attached results.

Lab Sample ID	Description:	Collected:	Collection Time:	Collector:
L-434-15	Water Quality Monitoring	7/6/2015	0910-1200	D. Tonseth

Samples were analyzed for TSS. There was an error during the analysis for sample M004-1 and it had to be rerun. The sample was rerun out of hold and had a result of 6.2 mg/L which could be biased high. Also, sample S002 was run as a lab duplicate and the resulting RPD was below the control limit of 25% which caused the batch's QC to be incomplete. The hatchery was notified.

**COST OF ANALYSIS:** \$ 736.00  
**TOTAL** \$ 736.00

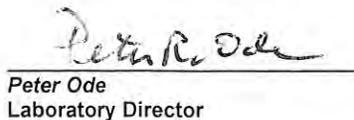
Deposit recovery costs to the Fish and Wildlife Pollution Account with "cost of analysis:" identified separately.

  
 Sandra Finlayson  
 Hatchery Project Manager

8/3/15  
 Date

  
 Reviewed by  
 Christine Askari

08/03/15  
 Date

  
 Peter Ode  
 Laboratory Director

8/4/15  
 Date

**CA DEPARTMENT OF FISH AND WILDLIFE  
WATER POLLUTION CONTROL LABORATORY**

2005 NIMBUS ROAD  
GOLD RIVER, CA 95670  
PHONE (916) 358-2860 ATSS 8-434-2860 FAX (916) 985-4301

**LABORATORY REPORT**

Name: HOT CREEK HATCHERY Project: OSPR  
 Agency: CA DEPARTMENT OF FISH AND WILDLIFE Lab Number: L-434-15  
 Address: 121 HOT CREEK HATCHERY RD Customer: Hot Creek Hatchery  
 City: MAMMOTH LAKES CA 93546 Index-PCA Code: 4240 32368  
 Spill Title:  
 Suspect:  
 P.O.#:  
 Phone Number: 760-934-2664  
 CC:

Sample Number: L-434-15-01 ID#: AA90047 Sample Collection Date: 7/6/2015 Time: 9:52  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: S001

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	2.6	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D
Sample Comments:								

Sample Number: L-434-15-02 ID#: AA90048 Sample Collection Date: 7/6/2015 Time: 9:57  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: S002

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	1.5	mg/L	DNQ	7/7/2015	TL/CHA	2.0	0.3	SM 2540 D
Sample Comments:								

Sample Number: L-434-15-03 ID#: AA90049 Sample Collection Date: 7/6/2015 Time: 10:04  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: S003

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	1.9	mg/L	DNQ	7/9/2015	TL	2.0	0.3	SM 2540 D
Sample Comments:								

DNQ = Detected not Quantified  
 H = Holding Time Exceeded  
 ND = Not Detected  
 Lab Number L-434-15  
 ML = RL

Sample Number: L-434-15-04 ID#: AA90050 Sample Collection Date: 7/6/2015 Time: 10:11  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: S004

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	2.2	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-05 ID#: AA90051 Sample Collection Date: 7/6/2015 Time: 9:10  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M001-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	3.2	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-06 ID#: AA90052 Sample Collection Date: 7/6/2015 Time: 11:15  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M001-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	2.8	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-07 ID#: AA90053 Sample Collection Date: 7/6/2015 Time: 9:14  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M002-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	1.4	mg/L	DNQ	7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-08 ID#: AA90054 Sample Collection Date: 7/6/2015 Time: 11:20  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M002-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	2.3	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

DNQ = Detected not Quantified  
 H = Holding Time Exceeded  
 ND = Not Detected  
 Lab Number L-434-15  
 ML = RL

Sample Number: L-434-15-09 ID#: AA90055 Sample Collection Date: 7/6/2015 Time: 9:17  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M003-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	11.1	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-10 ID#: AA90056 Sample Collection Date: 7/6/2015 Time: 11:33  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M003-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	1.3	mg/L	DNQ	7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-11 ID#: AA90057 Sample Collection Date: 7/6/2015 Time: 9:25  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M004-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	6.2	mg/L		7/17/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-12 ID#: AA90058 Sample Collection Date: 7/6/2015 Time: 11:33  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: M004-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	24.9	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-13 ID#: AA90059 Sample Collection Date: 7/6/2015 Time: 10:17  
 Sample Location: Lab Submittal Date: 7/7/2015  
 Customer reference: PSHI-C DUP

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	0.8	mg/L	DNQ	7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

DNQ = Detected not Quantified  
 H = Holding Time Exceeded  
 ND = Not Detected  
 Lab Number L-434-15  
 ML = RL

Sample Number: L-434-15-14  
Sample Location:  
Customer reference: S004 DUP

ID#: AA90060

Sample Collection Date: 7/6/2015 Time: 10:11  
Lab Submittal Date: 7/7/2015

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	2.7	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-434-15-15  
Sample Location:  
Customer reference: PSHI-C

ID#: AA90061

Sample Collection Date: 7/6/2015 Time: 10:17  
Lab Submittal Date: 7/7/2015

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	0.7	mg/L	DNQ	7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

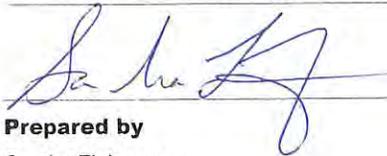
Sample Number: L-434-15-16  
Sample Location:  
Customer reference: FIELD BLANK

ID#: AA90062

Sample Collection Date: 7/6/2015 Time: 12:00  
Lab Submittal Date: 7/7/2015

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	ND	mg/L		7/9/2015	TL	2.0	0.3	SM 2540 D

Sample Comments:

  
Prepared by  
Sandra Finlayson

7/29/15.  
Date

Reviewed by  
Christine Askari

Date

Laboratory Director  
Peter Ode

Date

Total Lab Analysis Price: \$736.00

DNQ = Detected not Quantified  
H = Holding Time Exceeded  
ND = Not Detected  
Lab Number L-434-15  
ML = RL



DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler: TOUSETH Ph #: \_\_\_\_\_  
 Address: 121 HOT CREEK HATCHERY RD City: MAMMOTH CA 93546 Zip: 93546  
 Date Required/Reason: \_\_\_\_\_ Address: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Shipped Via: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Fish & Wildlife Loss Date: \_\_\_\_\_ Region: \_\_\_\_\_  
 DFG Code Violation: \_\_\_\_\_  
 Suspected or Potential Problem  
 Routine Analysis

Analysis Requested >>>  
 Sample Identification/Location (Draw map on separate sheet if necessary)

Sample ID	Date	Time	Collection	Water Temp: 2.2 F (C)			pH:	DO:	mg/L Conductivity: _____ umhos/cm										
				Petroleum Fingerprint	Trace Elements (Specify Below)	Pesticides (Specify Below)			Water	Filtered Water	Soil	Tissue	Plastic	Glass	VOA Vial	Temp	Acid		
S001	7/6	957																	
S002		957																	
S003		1004																	
S004		1011																	
M001	1st	910																	
M001	2ND	1115																	
M002	1st	914																	
M002	2ND	1020																	
M003	1st	917																	
M003	2ND	1132																	

Problem Description: \_\_\_\_\_  
 Suspect/Incident Location: \_\_\_\_\_  
 Comments/Special Instructions: \_\_\_\_\_

Samples Relinquished By (Signature): D TOUSETH Print Name: D TOUSETH Date: 7/7/15  
 Received By (Signature): [Signature] Print Name: CHRISTINE DRYAN Date: 7-2-15



DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler: TONSETH Ph #: \_\_\_\_\_ Send Results To: HELL Lab Number: L-43415  
 Address: \_\_\_\_\_ City: HELL Field Number: \_\_\_\_\_  
 City: \_\_\_\_\_ Zip: \_\_\_\_\_ Address: 121 HOT SPRING WATER RD Lab Storage: R2  
 City: MAMMOTA Zip: 93516 Spill Title: \_\_\_\_\_  
 CA Copies To: \_\_\_\_\_ Suspect: \_\_\_\_\_  
 Date Required/Reason: \_\_\_\_\_ Address: \_\_\_\_\_ Index-PCA: \_\_\_\_\_  
 Shipped Via: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Fish & Wildlife Loss Date: \_\_\_\_\_ Region: \_\_\_\_\_ Water Temp: 22 For C: (C) pH: \_\_\_\_\_ DO: \_\_\_\_\_ mg/L Conductivity: \_\_\_\_\_ u/mhos/cm  
 DFG Code Violation: \_\_\_\_\_  
 Suspected or Potential Problem \_\_\_\_\_  
 Routine Analysis \_\_\_\_\_ Analysis Requested >>>

Sample Identification/Location <small>(Draw map on separate sheet if necessary)</small>	Collection		Petroleum Fingerprint	Trace Elements (Specify Below)	Pesticides (Specify Below)	Water	Filtered Water	Soil	Tissue	Plastic	Glass	VOA Vial	Temp	Acid
	Date	Time												
MOBY 1ST	7/6	925				X				X			X	
MOBY 2ND		1133				X				X			X	
BH1-C DUP		1017				X				X			X	
5004 DUP		1019				X				X			X	
BH1-C		1017				X				X			X	
FIELD BLANK		1200				X				X			X	

Problem Description: \_\_\_\_\_  
 Suspect/Incident Location: \_\_\_\_\_  
 Comments/Special Instructions: \_\_\_\_\_  
 Pollution Action Kit: Yes  No   
 Glove Size: Large  Medium   
 Hazmat Shipper Requested: Yes  No

Samples Relinquished By (Signature)	Print Name	Date	Received By (Signature)	Print Name	Date
<i>[Signature]</i>	D TONSETH	7/7/15	<i>[Signature]</i>	Tom Marcus	7-2-15
				CHRISTOPHER	7/7/15
					7-19-00

Water Pollution Control Lab 2005 Nimbus Road Rancho Cordova, CA (916) 358-2858  
 Petroleum Chemistry Lab 1995 Nimbus Road Rancho Cordova, CA 95670 (916) 358-2803  
 Pesticide Investigations Lab 1701 Nimbus Road Rancho Cordova, CA 95670 (916) 358-2950



State of California -The Natural Resources Agency  
 CA DEPARTMENT OF FISH AND WILDLIFE  
 Water Pollution Control Laboratory  
 2005 Nimbus Road  
 Gold River, CA 95670  
 http://www.wildlife.ca.gov  
 PHONE: (916) 358-2858 FAX (916) 985-4301

EDMUND G. BROWN JR., Governor  
 CHARLTON H. BONHAM, Director



### LABORATORY REPORT

**Name:** Mike Escallier **Lab Number:** L-470-15  
**Agency:** CA Department of Fish and Wildlife **Other Number:**  
**Address:** 121 Hot Creek Hatchery Rd. **Date Sampled:** 7/21/2015  
**City:** Mammoth Lakes, CA 93546 **Date Received:** 7/22/2015  
**Date Completed:** 7/29/2015  
**Index-PCA Code:** 4240 32368

**RE: RESULTS OF CHEMICAL ANALYSIS:** See attached results.

Lab Sample ID	Description:	Collected:	Collection Time:	Collector:
L-470-15	Water Quality Monitoring	7/21/2015	0820-1022	D. Tonseth

Samples were received over temperature at 12.1°C. The samples were analyzed and the results were DNQ. Since the results were below the RL of 2.0 mg/L, the impact would be insignificant.

**COST OF ANALYSIS:** \$ 92.00  
**TOTAL** \$ 92.00

Deposit recovery costs to the Fish and Wildlife Pollution Account with "cost of analysis:" identified separately.

Sandra Finlayson  
 Hatchery Project Manager

7/29/15  
 Date

Reviewed by  
 Christine Askari

07/29/15  
 Date

Peter Ode  
 Laboratory Director

8/4/2015  
 Date

**CA DEPARTMENT OF FISH AND WILDLIFE  
WATER POLLUTION CONTROL LABORATORY**

2005 NIMBUS ROAD  
GOLD RIVER, CA 95670  
PHONE (916) 358-2860 ATSS 8-434-2860 FAX (916) 985-4301

**LABORATORY REPORT**

Name: HOT CREEK HATCHERY Project: OSPR  
 Agency: CA DEPARTMENT OF FISH AND WILDLIFE Lab Number: L-470-15  
 Address: 121 HOT CREEK HATCHERY RD Customer: Hot Creek Hatchery  
 City: MAMMOTH LAKES CA 93546 Index-PCA Code: 4240 32368  
 Spill Title:  
 Suspect:  
 P.O.#:  
 Phone Number: 760-934-2664  
 CC:

Sample Number:  ID#: AA90431 Sample Collection Date: 7/21/2015 Time: 8:20  
 Sample Location: Lab Submittal Date: 7/22/2015  
 Customer reference: M004-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	1.8	mg/L	DNQ	7/24/2015	TL	2.0	0.3	SM 2540 D
Sample Comments:								

Sample Number:  ID#: AA90432 Sample Collection Date: 7/21/2015 Time: 10:22  
 Sample Location: Lab Submittal Date: 7/22/2015  
 Customer reference: M004-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	1.1	mg/L	DNQ	7/24/2015	TL	2.0	0.3	SM 2540 D
Sample Comments:								

Total Lab Analysis Price: \$92.00

DNQ = Detected not Quantified  
 H = Holding Time Exceeded  
 ND = Not Detected  
 Lab Number L-470-15  
 ML = RL



DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler: TONSETH Ph #: HCH Lab Number: L-470-15

Address: 21 HOT CREEK PATCHER RD City: AMMETH CA Zip: 93526

Date Required/Reason: Suspect

Shipped Via: City: Zip: Index-PCA

Analysis Requested >>> Date: 7/21 Time: 1022

Water Temp: pH: DO: mg/L Conductivity: umhos/cm

Table with columns for Sample Type (Water, Filtered Water, Soil, Tissue, Plastic, Glass, VOA Vial, Temp, Acid) and Preservation.

Problem Description: Recovered at 12.1°C

Suspect/Incident Location: Comments/Special Instructions:

Samples Relinquished By (Signature): D TONSETH Date: 7-21-15

Water Pollution Control Lab 2005 Nimbus Road Rancho Cordova, CA (916) 358-2858

Petroleum Chemistry Lab 1995 Nimbus Road Rancho Cordova, CA 95670 (916) 358-2803

Pesticide Investigations Lab 1701 Nimbus Road Rancho Cordova, CA 95670 (916) 358-2950





# DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler: TONSETH      Send Results To: ACH      Lab Number: L-477-15  
 Address: 171 HOT CREEK HATCHERY RD      Field Number: \_\_\_\_\_  
 City: \_\_\_\_\_      State: CA      Lab Storage: \_\_\_\_\_  
 City: \_\_\_\_\_      State: CA      Spill Title: \_\_\_\_\_  
 Date Required/Reason: \_\_\_\_\_      Address: \_\_\_\_\_      Suspect: \_\_\_\_\_  
 Shipped Via: \_\_\_\_\_      City: \_\_\_\_\_      Index-PCA: \_\_\_\_\_

Sample Description Suspect/Incident Location Comments/Special Instructions	Petroleum Fingerprint	Trace Elements (Specify Below)	Pesticides (Specify Below)	Water Temp: F or C	pH:	DO:	mg/L Conductivity: $\mu$ mhos/cm				Preservation												
							Water	Filtered Water	Soil	Sample Type		Number of Containers	VOA Vial	Temp	Acid								
<u>M004-1</u>																							
<u>M004-7</u>																							

Problem Description: \_\_\_\_\_  
 Pollution Action Kit: Yes  No   
 Glove Size: Large  Medium   
 Hazmat Shipper Requested: Yes  No

Samples Relinquished By (Signature)	Print Name	Date	Received By (Signature)	Print Name	Date
<u>[Signature]</u>	<u>D TONSETH</u>	<u>7/22/15</u>	<u>[Signature]</u>	<u>S. HALLIS</u>	<u>7-22-15</u>

Pesticide Investigations Lab  
 1701 Nimbus Road  
 Rancho Cordova, CA 95670  
 (916) 358-2950

Petroleum Chemistry Lab  
 1995 Nimbus Road  
 Rancho Cordova, CA 95670  
 (916) 358-2803

Water Pollution Control Lab  
 2005 Nimbus Road  
 Rancho Cordova, CA  
 (916) 358-2858

**ATTACHMENT B – WATER MONITORING SAMPLING RECORD**

CA DEPARTMENT OF FISH AND GAME  
 HOT CREEK FISH HATCHERY  
 ORDER NO. R6V-2006-0027  
 NPDES NO. CA0102776

MONTH AND YEAR: July 15

## MONTHLY WATER MONITORING SAMPLING RECORD

Representative grab samples for monitoring of effluent limitations, discharge specifications, and other requirements. Two grab samples shall be collected not less than two hours, nor greater than four hours a part from each other.

Monitoring Location	Monitoring Location Description	Start Time		End Time		PH 1st Grab	PH 2nd Grab	CFS	MGD
		1st Grab	2nd Grab	1st Grab	2nd Grab				
M-001	Outfall Settling Pond I	1314		1330				2.86	1.85
M-002	Outfall Settling Pond II	1333		1345				4.44	2.87
M-003	Outfall McBurney Pond	1235		1300				4.42	2.85
M-004	Outfall Spawning House II	1427		1440				3.39	2.19

S-001	AB Supply								
S-002	CD Supply								
S-003	Hatchery I Spring								
S-004	Hatchery II Spring								

PSHI-C	Raceway Head Box								
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PRINT NAME: D. JONSETT  
 DATE: 7/6/15

CA DEPARTMENT OF FISH AND GAME  
 HOT CREEK FISH HATCHERY  
 ORDER NO. R6V-2006-0027  
 NPDES NO. CA0102776

MONTH AND YEAR: JUL-15

## MONTHLY WATER MONITORING SAMPLING RECORD

Representative grab samples for monitoring of effluent limitations, discharge specifications, and other requirements. Two grab samples shall be collected not less than two hours, nor greater than four hours a part from each other.

Monitoring Location	Monitoring Location Description	Start Time		End Time		PH 1st Grab	PH 2nd Grab	CFS	MGD
		1st Grab	2nd Grab	1st Grab	2nd Grab				
M-001	Outfall Settling Pond I	9:10	11:15	9:12	11:17	7.7	7.8		
M-002	Outfall Settling Pond II	9:14	11:20	9:16	11:23	7.6	7.4		
M-003	Outfall McBurney Pond	9:17	11:25	9:19	11:28	7.5	7.7		
M-004	Outfall Spawning House II	9:25	11:33	9:27	11:37	7.4	7.6		

S-001	AB Supply	9:52	9:54
S-002	CD Supply	9:57	10:00
S-003	Hatchery I Spring	10:04	10:07
S-004	Hatchery II Spring	10:11	10:14

PSHI-C	Raceway Head Box	10:17	10:20
--------	------------------	-------	-------

PRINT NAME: D. TONSETT

DATE: 7/6/15

Date 04/17/15

California Regional Water Quality Control Board  
Lahontan Region  
14440 Civic Drive, Suite 200  
Victorville, CA 92392

Facility Name: HOT CREEK HATCHERY

Address: 121 HOT CREEK HATCHERY ROAD  
MAMMOTH LAKES, CA 93546

Prepared By: DANIEL TONSETH

Job Title: FISH AND WILDLIFE TECHNICIAN

Phone: (760)934-2664

Email: [hotcreek@dfg.ca.gov](mailto:hotcreek@dfg.ca.gov)

WDR/NPDES Order Number: R6V-2006-0027

WDID Number: 6B260801001

Type of Report (Highlight): **Monthly** **Quarterly** Semi-Annual Annual Other

Month(s) highlight applicable month(s)\*: **JAN** **FEB** **MAR** APR MAY JUN  
JUL AUG SEP OCT NOV DEC

Year: 2015

Violation(s) of NPDES Order No. R6V-2006-0027? (Please check one): NO X YES<sup>11</sup>

Violation(s) of Time Schedule Order No. R6V-2009-0016? (Please check one): NO X YES<sup>11</sup>

**\*If YES is marked complete items A through H below (Attach additional information as necessary)**

**a) Brief Description of Violations:**

1) Exceeded NPDES permit for average monthly effluent limitation of Nitrate as N for Discharge Points M-001 (Settling Pond I), M-002 (Settling Pond II), M-003 (McBurney Pond) and M-004 (Spawning House II) and the instantaneous single grab Nitrate as N effluent limitation for M-003 and M-004. Monthly average effluent limitations for Nitrate as N exceeded the Time Schedule Order for M-003.

**b) Section(s) of WDRs/NPDES Permit Violated:**

- 1) Section IV – A. Effluent Limitations,  
1. Final Effluent Limitations
- 2) Time Schedule Order

**c) Reported Value(s) or Volume:**

- 1) Nitrate as N Violation.

Discharge Point M-001 - Average Monthly 0.26 mg/L  
Discharge Point M-002 - Average Monthly 0.25 mg/L  
Discharge Point M-003- Single Grab 0.59 mg/L  
Discharge Point M-003 – Single Grab 0.58 mg/L  
Discharge Point M-003 - Average Monthly 0.59 mg/L  
Discharge Point M-004 – Single Grab 0.63 mg/L  
Discharge Point M-004 – Single Grab 0.69 mg/L  
Discharge Point M-004 – Average Monthly 0.66 mg/L

**d) WDRs/NPDES Limit/Condition:**

- 1) Nitrate as N  
All Discharge Points – Average Monthly 0.23 mg/L  
Single Grab 0.31 mg/L

**e) Time Schedule Order Limit/Condition:**

- 1) Nitrate as N  
M001 and M002- Average Monthly 0.30 mg/L, or S001 and S002+20%, Which ever is greater  
M003- Average Monthly 0.45 mg/L, or S003+ 20%, Which ever is greater.  
M004- Average Monthly 0.54 mg/L or S004+ 20%, Which ever is greater.  
\*M-003 exceeded these limits

**f) Date(s) and Duration of Violation(s):**

- 1) Nitrate as N  
All violations occurred during the month of March, 2015.

**g) Explanation of Cause(s):**

1) Nitrate as N Violation –

The four main springs providing water to the Hatchery all have naturally occurring nitrate levels which routinely test higher than the effluent limit set for the discharges. Using the Time Schedule Order's limits should eliminate these violations but did not due to unprecedented low flows caused by drought

**h) Corrective Action(s)**

(Specify actions taken and a schedule of actions to be taken)

1) Nitrate as N Violation –

All four spring supplies (S001, S002, S003, S004) have in past samples consistently tested for Nitrate as N at higher levels than the limit set for the effluent discharges under the current order. Current sampling and analysis, resulted in all four of the four spring supplies having higher than the set limitation levels.

The effluent limit of 0.23 mg/L was derived from the *Basin Plan*, and not from a site specific study of Hot Creek's springs. Recommend using the Time Schedule Order's limits for Nitrate effluent limits, especially the spring's nitrate level plus 20%, such that the Hatchery is only liable for effluent levels above those naturally occurring in the spring water.

MONTH AND YEAR: MAR 15

## QUARTERLY WATER MONITORING SAMPLING RECORD

Representative grab samples for monitoring of effluent limitations, discharge specifications, and other requirements. Two grab samples shall be collected not less than two hours, nor greater than four hours a part from each other.

Monitoring Location	Monitoring Location Description	Start Time	End Time	Start Time	End Time	Temperature F	pH	pH	Dissolved Oxygen Mg/l	Electrical Conductivity	CFS	MGD
		1st Grab	1st Grab	2nd Grab	2nd Grab							
S-001	AB Supply	1120	1125	XX	XX	XX	XX	XX	XX	XX		
S-002	CD Supply	1125	1127	XX	XX	XX	XX	XXX	XX	XX		
S-003	Hatchery I Spring	1130	1132	XX	XX	XX	XX	XX	XX	XX		
S-003-2	Hat I Building	1135	1138	XX	XX	XX	XX	XX	XX	XX		
S-004	Hatchery II Spring	1140	1145	XX	XX	XX	XX	XX	XX	XX		
									1.5	2.0		
M-001	Outfall Settling Pond I	953	1009	1245	1255	59	7.18	7.8	7.4	1.8	262	
M-002	Outfall Settling Pond II	1012	1021	1300	1302	53	7.60	7.76	8.4	1.8	265	
M-003	Outfall McBurney Pond	1023	1030	1310	1318	52	7.53	7.8	9.7	11.9	231	
M-004	Outfall Spawning House II	1040	1050	1320	1330	52	7.61	8.1	7.2	7.2	229	
R-001	Mammoth Creek	→	ICE	→	→	→	XX	XX		XX		
R-002	Hot Creek	1120	1110	1345	1355	49	6.75	XX	11.4		XX	

Sampling Conducted By:

PRINT NAME: D. TONSETH

DATE: 3/2/15

MONTH AND YEAR: MAR 2015

### QUARTERLY WATER MONITORING SAMPLING RECORD

Representative grab samples for monitoring of effluent limitations, discharge specifications, and other requirements. Two grab samples shall be collected not less than two hours, nor greater than four hours apart from each other.

Monitoring Location	Monitoring Location Description	Start Time	End Time	Start Time	End Time	Temperature F	pH	pH	Dissolved Oxygen Mg/l	Electrical Conductivity	CFS	MGD
		1st Grab	1st Grab	2nd Grab	2nd Grab							
S-001	AB Supply	1255	1320	XX	XX	XX	XX	XX	XX	XX	1.12	.72
S-002	CD Supply	1325	1345	XX	XX	XX	XX	XXX	XX	XX	5.23	3.38
S-003	Hatchery I Spring	1400	1435	XX	XX	XX	XX	XX	XX	XX	3.84	2.57
S-003-2	Hat I Building	1455	1510	XX	XX	XX	XX	XX	XX	XX	.45	.29
S-004	Hatchery II Spring	1220	1235	XX	XX	XX	XX	XX	XX	XX	3.07	1.98
M-001	Outfall Settling Pond I	1020	1040								1.63	1.85
M-002	Outfall Settling Pond II	1535	1550								6.05	2.10
M-003	Outfall McBurney Pond	1510	1530								5.10	3.29
M-004	Outfall Spawning House II	1245	1305								2.67	1.72
R-001	Mammoth Creek	1100	1120				XX	XX		XX	3.3	2.13
R-002	Hot Creek	1130	1145					XX		XX	21.44	13.85

Handwritten notes and calculations:  
 -646  
 DUP  
 MOD  
 5.19 | 3.35  
 2.67 | 1.70

Sampling Conducted By:

PRINT NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

**California Department of Fish and Game -Hot Creek Hatchery  
1st Quarterly March 2015 Report  
NPDES No. CA0102776**

**Conventional & Non-Convetional Pollutants**

**Hatchery Source Waters**

**Monitoring Location SOO1-Headwaters AB Spring**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Orthophosphate, Dissolved (as P) mg/L	Total Dissolved Solids mg/L	Nitrogen Total (as N) mg/L	Settleable Solids ml/L	Temperature F	Turbidity NTU
03/02/15	Tonseth	11:20			0.5		0.24						
03/02/15	Tonseth	11:20			0.5		0.26						
03/16/15	White	12:55	0.7										
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.0050	RL=10	RL=0.100	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.0020	MDL=10	MDL=0.050	MDL=0.1		

**Monitoring Location SOO2-Headwaters CD Spring**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Orthophosphate, Dissolved (as P) mg/L	Total Dissolved Solids mg/L	Nitrogen Total (as N) mg/L	Settleable Solids ml/L	Temperature F	Turbidity NTU	
03/02/15	Tonseth	11:25			2.2		0.25							
03/02/15	Tonseth	11:25			4.7		0.24							
03/16/15	White	13:25	5.2											
03/16/15	White	13:25	5.2											
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.0050	RL=10	RL=0.100	RL=0.1	RL=0.1	RL=1.0	
					MDL = 0.3		MDL=0.0050	MDL=0.0020	MDL=10	MDL=0.050	MDL=0.1			
			Weighted AVG S001/S002 + 20%					0.30						

**Monitoring Location SOO3-Hatchery I Spring**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Orthophosphate, Dissolved (as P) mg/L	Total Dissolved Solids mg/L	Nitrogen Total (as N) mg/L	Settleable Solids ml/L	Temperature F	Turbidity NTU
03/02/15	Tonseth	11:30			10.7		0.34						
03/16/15	White	14:00	2.5										
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.0050	RL=10	RL=0.100	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.0020	MDL=10	MDL=0.050	MDL=0.1		

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**Monitoring Location SOO3-2-Hatchery I Building**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Orthophosphate, Dissolved (as P) mg/L	Total Dissolved Solids mg/L	Nitrogen Total (as N) mg/L	Settleable Solids ml/L	Temperature F	Turbidity NTU
03/02/15	Tonseth	11:35			ND		0.95						
03/16/15	White	14:55	0.3										
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.0050	RL=10	RL=0.100	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.0020	MDL=10	MDL=0.050	MDL=0.1		
			Weighted AVG S003/S003-2 + 20%				0.49						

**Monitoring Location SOO4-Hatchery II Spring**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Orthophosphate, Dissolved (as P) mg/L	Total Dissolved Solids mg/L	Nitrogen Total (as N) mg/L	Settleable Solids ml/L	Temperature F	Turbidity NTU
03/02/15	Tonseth	11:40			7.5		0.63						
03/16/15	White	12:20	2.0										
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.0050	RL=10	RL=0.100	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.0020	MDL=10	MDL=0.050	MDL=0.1		
					Nitrate+Nitrite + 20%		0.76						

**Monitoring Location PSHI-C-Production Ponds Head Box C**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Orthophosphate, Dissolved (as P) mg/L	Total Dissolved Solids mg/L	Nitrogen Total (as N) mg/L	Settleable Solids ml/L	Temperature F	Turbidity NTU
03/02/15	Tonseth	12:00			1.1								
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.0050	RL=10	RL=0.100	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.0020	MDL=10	MDL=0.050	MDL=0.1		

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1st Quarterly March 2015 Report  
NPDES No. CA0102776**

**Monitoring Location MOO3-Outfall McBurney Pond**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Sulfate mg/L	Total Dissolved Solids mg/L	Conductivity uMHOS	Settleable Solids ml/L	Temp. F	Turbidity NTU
03/02/15	Tonseth	10:23		7.5	7.7	9.7	0.59	12.3	173	231	ND	52	0.5
03/02/15	Tonseth	13:10		7.8	1.6	11.9	0.58		170		ND		
03/16/15	White	15:10	3.3										
<b>AVG</b>					4.7		0.59		171.5				
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.50	RL=10	RL=0.1	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.25	MDL=10		MDL=0.1		

Exceeded permit for single grab and monthly average as well as time schedule order

Sample Number: L-099-15-21 ID#: AA86667 Sample Collection Date: 3/2/2015 Time: 10:23  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: M003-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Sulfate	12.3	mg/L		3/4/2015	CA	0.40	0.08	EPA 300.0
Sample Comments:								

Sample Number: L-099-15-22 ID#: AA86668 Sample Collection Date: 3/2/2015 Time: 10:40  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: M004-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Sulfate	13.1	mg/L		3/4/2015	CA	0.40	0.08	EPA 300.0
Sample Comments:								

Sample Number: L-099-15-23 ID#: AA86669 Sample Collection Date: 3/2/2015 Time: 11:20  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: S001

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.243	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2
Sample Comments:								

Sample Number: L-099-15-24 ID#: AA86670 Sample Collection Date: 3/2/2015 Time: 11:25  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: S002

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.252	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2
Sample Comments:								

Sample Number: L-099-15-25 ID#: AA86671 Sample Collection Date: 3/2/2015 Time: 11:30  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: S003

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.340	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2
Sample Comments:								

DNQ = Detected not Quantified  
 H = Holding Time Exceeded  
 ND = Not Detected  
 Lab Number L-099-15  
 ML = RL

Sample Number: L-099-15-36 ID#: AA86682 Sample Collection Date: 3/2/2015 Time: 10:20  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: S001-Dup

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.260	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2

Sample Comments:

Sample Number: L-099-15-37 ID#: AA86683 Sample Collection Date: 3/2/2015 Time: 10:25  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: S002-Dup

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.242	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2

Sample Comments:

Sample Number: L-099-15-38 ID#: AA86684 Sample Collection Date: 3/2/2015 Time: 14:00  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: FieldBlank

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Ammonia as N	ND	mg/L		3/19/2015	SF	0.100	0.040	SM 4500-NH3 D
Nitrate + Nitrite as N	ND	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2

Sample Comments:

Sample Number: L-099-15-39 ID#: AA86685 Sample Collection Date: 3/2/2015 Time: 14:02  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: FieldBlank

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Total Suspended Solids 1L	ND	mg/L		3/6/2015	CHA	2.0	0.3	SM 2540 D

Sample Comments:

Sample Number: L-099-15-40 ID#: AA86686 Sample Collection Date: 3/2/2015 Time: 11:35  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: S003-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.954	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2

Sample Comments:

DNQ = Detected not Quantified  
 H = Holding Time Exceeded  
 ND = Not Detected  
 Lab Number L-099-15  
 ML = RL

Sample Number: L-099-15-31 ID#: AA86677 Sample Collection Date: 3/2/2015 Time: 10:23  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: M003-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.594	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2
Sample Comments:								

Sample Number: L-099-15-32 ID#: AA86678 Sample Collection Date: 3/2/2015 Time: 13:10  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: M003-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.584	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2
Sample Comments:								

Sample Number: L-099-15-33 ID#: AA86679 Sample Collection Date: 3/2/2015 Time: 10:40  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: M004-1

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.634	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2
Sample Comments:								

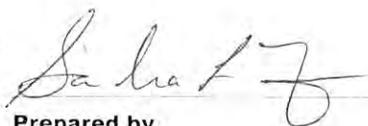
Sample Number: L-099-15-34 ID#: AA86680 Sample Collection Date: 3/2/2015 Time: 13:20  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: M004-2

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Nitrate + Nitrite as N	0.685	mg/L		3/17/2015	KB	0.0100	0.0050	EPA 353.2
Sample Comments:								

Sample Number: L-099-15-35 ID#: AA86681 Sample Collection Date: 3/2/2015 Time: 11:00  
 Sample Location: Lab Submittal Date: 3/3/2015  
 Customer reference: R002

	TEST RESULT	UNITS	QUALIFIER	ANALYSIS DATE	ANALYZED BY	REPORTING LIMIT (RL)	DETECTION LIMIT (MDL)	METHOD REFERENCE
Ammonia as N	0.077	mg/L	DNQ	3/19/2015	SF	0.100	0.040	SM 4500-NH3 D
Sample Comments:								

DNQ = Detected not Quantified  
 H = Holding Time Exceeded  
 ND = Not Detected  
 Lab Number L-099-15  
 ML = RL

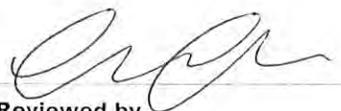


**Prepared by**

Sandra Finlayson

3/25/15

**Date**

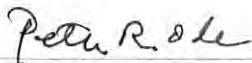


**Reviewed by**

Christine Askari

03/26/15

**Date**



**Laboratory Director**

Peter Ode

3/27/2015

**Date**

Total Lab Analysis Price: \$2,564.00

DNQ = Detected not Quantified  
H = Holding Time Exceeded  
ND = Not Detected  
Lab Number L-099-15  
ML = RL

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Hatchery Effluent Waters

**Monitoring Location MOO1-Outfall Settling Pond I**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Sulfate mg/L	Total Dissolved Solids mg/L	Conductivity uMHOS	Settleable Solids ml/L	Temp. F	Turbidity NTU
03/02/15	Tonseth	9:53		7.2	1.7	7.4	0.27	10.9	193	262	ND	54	0.7
03/02/15	Tonseth	12:45		7.8	1.6	9	0.26		193		ND		
03/16/15	White	10:20	1.1										
			<b>AVG</b>		1.7		0.26		193				
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.50	RL=10	RI=0.1	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.25	MDL=10		MDL=0.1		

Exceeded permit for monthly average of .23 mg/L but did not exceed time schedule order

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 NPDES No. CA0102776

**Monitoring Location MOO2-Outfall Settling Pond II**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Sulfate mg/L	Total Dissolved Solids mg/L	Conductivity uMHOS	Settleable Solids ml/L	Temp. F	Turbidity NTU
03/02/15	Tonseth	10:12		7.6	2.4	8.4	0.26	11.0	195	265	ND	53	0.6
03/02/15	Tonseth	13:00		7.8	3.4	9.8	0.23		194		ND		
03/16/15	White	15:35	3.9										
		<b>AVG</b>			2.9		0.25		194.5				
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.50	RL=10	RL=0.1	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.25	MDL=10		MDL=0.1		
					Weighted AVG M001/M002		0.25						

Exceeded permit for monthly average of .23 mg/L but did not exceed time schedule order

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1st Quarterly March 2015 Report  
NPDES No. CA0102776**

**Monitoring Location MOO4-Outfall Spawning House II**

Date	Collector	Time	Flow (MGD)	PH	Total Suspended Solids mg/L	Dissolved Oxygen mg/L	Nitrate + Nitrite (as N) mg/L	Sulfate mg/L	Total Dissolved Solids mg/L	Conductivity uMHOS	Settleable Solids ml/L	Temp. F	Turbidity NTU
03/02/15	Tonseth	10:40		7.6	0.7	7.2	0.63	13.1	168	229	ND	52	ND
03/02/15	Tonseth	13:20		8.1	1.0	7.2	0.69		161		ND		
03/16/15	White	12:45	1.7										
03/16/15	White	12:45	1.7										
			<b>AVG</b>		0.9		0.66		164.5				
			RL=0.01	RL=0.01	RL = 2.0	RL=0.01	RL=0.0100	RL=0.50	RL=10	RL=0.1	RL=0.1	RL=0.1	RL=1.0
					MDL = 0.3		MDL=0.0050	MDL=0.25	MDL=10		MDL=0.1		

Exceeded permit for single grab and monthly average but not time schedule order



DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler <b>TONSETH</b>	Ph #	Send Results To <b>HCH</b>	Lab Number <b>L-099-15</b>
Address	Address <b>121 HOT KEEL HATCHERY RD</b>	Field Number	
City <b>MAMMOTH LKS CA</b>	Zip <b>93346</b>	Lab Storage	
Date Required/Reason	Address	Spill Title	
Shipped Via	City	Zip	Index-PCA

<input type="checkbox"/> Fish & Wildlife Loss Date: _____ Region: _____	Water Temp: _____ F or C <b>2.3</b> pH: _____ DO: _____ mg/L Conductivity: _____ u mhos/cm
<input type="checkbox"/> DFG Code Violation: _____	
<input type="checkbox"/> Suspected or Potential Problem	
<input checked="" type="checkbox"/> Routine Analysis	
<b>Analysis Requested &gt;&gt;&gt;</b>	
Sample Identification/Location (Draw map on separate sheet if necessary)	Collection Date Time
<b>S001</b>	<b>3/2 1120</b>
<b>S002</b>	<b>1 1125</b>
<b>S003</b>	<b>1 1130</b>
<b>S004</b>	<b>1 1140</b>
<b>M001 1ST</b>	<b>953</b>
<b>M001 2ND</b>	<b>1245</b>
<b>M002 1ST</b>	<b>1012</b>
<b>M002 2ND</b>	<b>1300</b>
<b>M003 1ST</b>	<b>1023</b>
<b>M003 2ND</b>	<b>1310</b>

Petroleum Fingerprint	Trace Elements (Specify Below)	Pesticides (Specify Below)	TSS	TDS	SS	SULFATE	TURBIDITY	Water	Filtered Water	Soil	Tissue	Plastic	Glass	VOA Vial	Temp	Acid
			X					X				1				
			X									1				
			X									1				
			X	X	X	X	X					3				
			X	X	X		X					3				
			X	X	X	X	X					3				
			X	X	X	X	X					3				

Problem Description: \_\_\_\_\_

Suspect/Incident Location: \_\_\_\_\_

Comments/Special Instructions: \_\_\_\_\_

Pollution Action Kit: Yes  No

Glove Size: Large  Medium

Hazmat Shipper Requested: Yes  No

Samples Relinquished By (Signature)	Print Name	Date	Received By (Signature)	Print Name	Date
<i>[Signature]</i>	<b>D TONSETH</b>	<b>3/3/15</b>	<i>[Signature]</i>	<b>C.R. Todd</b>	<b>3/3/15</b>
<i>[Signature]</i>	<b>C.R. Todd</b>	<b>3/3/15</b>	<i>[Signature]</i>	<b>S. Hauer</b>	<b>3-3-15</b>
					<b>1315</b>

Pesticide Investigations Lab  
 1701 Nimbus Road  
 Rancho Cordova, CA 95670  
 (916) 358-2950  
  
 Petroleum Chemistry Lab  
 1995 Nimbus Road  
 Rancho Cordova, CA 95670  
 (916) 358-2803  
  
 Water Pollution Control Lab  
 2005 Nimbus Road  
 Rancho Cordova, CA  
 (916) 358-2858



# DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler <b>TONSETH</b>	Ph #	Send Results To <b>HCH</b>	Lab Number <b>L-099-15</b>
Address	Address <b>121 HOT CREEK HATCHERY RD</b>		Field Number
City <b>MAMMOTH LKS CA</b>	Zip <b>93546</b>	Lab Storage	Spill Title
Date Required/Reason	Address		Suspect
Shipped Via	City	Zip	Index-PCA

<input type="checkbox"/> Fish & Wildlife Loss Date: _____ Region: _____	Water Temp: <b>2.3</b> F or C pH: _____ DO: _____ mg/L Conductivity: _____ u mhos/cm																																																																																																																																																														
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Problem Description	Pollution Action Kit: Yes <input type="checkbox"/> No <input type="checkbox"/>
Suspect/Incident Location	Glove Size: Large <input type="checkbox"/> Medium <input type="checkbox"/>
Comments/Special Instructions	Hazmat Shipper Requested: Yes <input type="checkbox"/> No <input type="checkbox"/>

Samples Relinquished By (Signature)	Print Name	Date	Received By (Signature)	Print Name	Date
<i>[Signature]</i>	D TONSETH	3/3/15	<i>[Signature]</i>	C.R. Todd	3/3/15
<i>[Signature]</i>	C.R. Todd	3/3/15	<i>[Signature]</i>	S. Hannan	3.3.15
					1318

Pesticide Investigations Lab  
 1701 Nimbus Road  
 Rancho Cordova, CA 95670  
 (916) 358-2950  
  
 Petroleum Chemistry Lab  
 1995 Nimbus Road  
 Rancho Cordova, CA 95670  
 (916) 358-2803  
  
 Water Pollution Control Lab  
 2005 Nimbus Road  
 Rancho Cordova, CA  
 (916) 358-2858



# DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler <b>TONGETH</b>	Ph #	Send Results To <b>HCH</b>	Lab Number <b>L-099-15</b>
Address	Address <b>121 HOT CREEK HATCHERY RD</b>	Field Number	
City <b>MAMMOTH LKS</b>	Zip <b>93546</b>	Lab Storage	
Date Required/Reason	Address	Spill Title	
Shipped Via	City	Index-PCA	

Fish & Wildlife Loss Date: \_\_\_\_\_ Region: \_\_\_\_\_

DFG Code Violation: \_\_\_\_\_

Suspected or Potential Problem

Routine Analysis

Water Temp: \_\_\_\_\_ F or C 2.8 pH: \_\_\_\_\_ DO: \_\_\_\_\_ mg/L Conductivity: \_\_\_\_\_ u mhos/cm

**Analysis Requested >>>**

Sample Identification/Location (Draw map on separate sheet if necessary)	Collection		Petroleum Fingerprint	Trace Elements (Specify Below)	Pesticides (Specify Below)	NITRATE/NITRITE							Sample Type				Number of Containers		Preservation	
	Date	Time											Water	Filtered Water	Soil	Tissue	Plastic	Glass	VOA Vial	Temp
S001 SUL	3/2	1120																		
S002 SUL		1125																		
S003 SUL		1130																		
S004 SUL		1140																		
M001 1st SUL		953																		
M001 2nd SUL		1245																		
M002 1st SUL		1012																		
M002 2nd SUL		1300																		
M003 1st SUL		1023																		
M003 2nd SUL		1310																		

Problem Description: \_\_\_\_\_

Suspect/Incident Location: \_\_\_\_\_

Comments/Special Instructions: \_\_\_\_\_

Pollution Action Kit: Yes  No

Glove Size: Large  Medium

Hazmat Shipper Requested: Yes  No

Samplers Relinquished By (Signature)	Print Name	Date	Received By (Signature)	Print Name	Date
<i>[Signature]</i>	D. TONGETH	3/3/15	<i>[Signature]</i>	C.A. Todd	3/3/15
<i>[Signature]</i>	C.R. Todd	3/3/15	<i>[Signature]</i>	S. Harris	3-3-15
					1315

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Rancho Cordova, CA 95670  
(916) 358-2950

Petroleum Chemistry Lab  
1995 Nimbus Road  
Rancho Cordova, CA 95670  
(916) 358-2803

Water Pollution Control Lab  
2005 Nimbus Road  
Rancho Cordova, CA  
(916) 358-2858



# DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

Sampler <b>TOMSETH</b>	Ph #	Send Results To <b>HCH</b>	Lab Number <b>L-099-15</b>
Address	Address <b>121 HOT CREEK HATCHERY RD</b>		Field Number
City <b>MAMMOTH LKS CA</b>	Zip <b>93246</b>	Copies To	Lab Storage
Date Required/Reason	Address		Spill Title
Shipped Via	City	Zip	Index-PCA

<input type="checkbox"/> Fish & Wildlife Loss Date: _____ Region: _____ <input type="checkbox"/> DFG Code Violation: _____ <input type="checkbox"/> Suspected or Potential Problem <input checked="" type="checkbox"/> Routine Analysis		Analysis Requested >>>		Water Temp: _____ F or C <b>23.6</b> pH: _____ DO: _____ mg/L Conductivity: _____ u mhos/cm														
Sample Identification/Location (Draw map on separate sheet if necessary)	Collection		Pesticide (Specify Below)	NITRATE	NITRITE	AMMONIA	Sample Type							Number of Containers		Preservation		
	Date	Time					Water	Filtered Water	Soil	Tissue	Plastic	Glass	VOA Vial	Temp	Acid			
M004 1st SUC	3/2	1040		X													X	X
M004 2nd SUC		1320		+													X	X
R002 SUC		1100				X											X	X
S001 DUP SUC		1020		X													X	X
S002 DUP SUC		1025		X													X	X
FIELD BLANK SUC		1400		X		X											X	X
FIELD BLANK		1402															X	
S003-2 SUC		1135		X													X	X

Problem Description: \_\_\_\_\_  
 Suspect/Incident Location: \_\_\_\_\_  
 Comments/Special Instructions: \_\_\_\_\_

Pollution Action Kit: Yes  No   
 Glove Size: Large  Medium   
 Hazmat Shipper Requested: Yes  No

Sample Relinquished By (Signature)	Print Name	Date	Received By (Signature)	Print Name	Date
<i>[Signature]</i>	D TOMSETH	3/3/15	<i>[Signature]</i>	C.R. Todd	3/3/15
<i>[Signature]</i>	C.R. Todd	3/3/15	<i>[Signature]</i>	S. Hannel	3-3-15

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## Lahontan Regional Water Quality Control Board

### **ACCEPTANCE OF CONDITIONAL RESOLUTION AND WAIVER OF RIGHT TO HEARING; (proposed) ORDER**

Charlton H. Bonham, Director  
California Department of Fish & Wildlife  
1416 Ninth Street, 12th Floor  
Sacramento, CA 95814

Settlement Offer No. R6V-2016-0040  
NPDES Permit No. CA0102776

By signing below and returning this Acceptance of Conditional Resolution and Waiver of Right to Hearing (Acceptance and Waiver) to the California Regional Water Quality Control Board, Lahontan Region (Water Board), the California Department of Fish and Wildlife (hereinafter "DFW") hereby accepts the "Offer to Participate in Expedited Payment Program" and waives the right to a hearing before the Water Board to dispute the allegations of violations described in the June 30, 2016 Notice of Violation (NOV), which is incorporated herein by reference.

DFW agrees that the NOV shall serve as a complaint pursuant to Division 7, Chapter 5, Article 2.5 of the California Water Code, and that no separate complaint is required for the Water Board to assert jurisdiction over the alleged violations through its Chief Prosecutor. DFW agrees to pay the penalties required by California Water Code section 13385, in the sum of **\$6,000** (Expedited Payment Amount), which shall be deemed payment in full of any civil liability, pursuant to Water Code sections 13385, that otherwise might be assessed for the violations described in the NOV. DFW understands that this Acceptance and Waiver waives DFW's right to contest the allegations in the NOV and the amount of civil liability for such violations.

DFW understands that this Acceptance and Waiver does not address or resolve liability for any violations, other than those specifically identified in the NOV.

Upon execution by DFW, the completed Acceptance and Waiver shall be returned to:

[Lahontan@waterboards.ca.gov](mailto:Lahontan@waterboards.ca.gov)

Include "Hot Creek EPL Acceptance" and the WDID No. in the transmittal email's subject line.

DFW understands that federal regulations set forth at title 40, Code of Federal Regulations, section 123.27(d)(2)(iii) and the State Water Resources Control Board's Enforcement Policy require the Water Board to publish notice of and provide at least 30 days for public comment on any proposed resolution of an enforcement action addressing NPDES permit

AMY L. HORNE, PhD, CHAIR | PATTY Z. KOUYOUMDJIAN, EXECUTIVE OFFICER

violations. Accordingly, this Acceptance and Waiver, prior to execution by the Water Board Executive Officer, will be published as required by law for public comment.

If no comments are received within the notice period that causes the Water Board Executive Officer to question the Expedited Payment Amount, the Water Board Executive Officer will execute the Acceptance and Waiver.

DFW understands that if significant comments are received in opposition to the Expedited Payment Amount, the offer on behalf of the Water Board to resolve the violations set forth in the NOV may be withdrawn. In that circumstance, DFW will be advised of the withdrawal and an administrative civil liability complaint may be issued and the matter may be set for a hearing before the Water Board. For such a liability hearing, DFW understands that this Acceptance and Waiver executed by DFW will be treated as a settlement communication and will not be used as evidence in that hearing.

DFW further understands that once the Acceptance and Waiver is executed by the Water Board Executive Officer, the full payment required by the deadline set forth below is a condition of this Acceptance and Waiver. In accordance with California Water Code section 13385(n)(1), funds collected for violations of effluent limitations pursuant to section 13385 shall be deposited in the State Water Pollution Cleanup and Abatement Account. Accordingly, the \$6,000 liability shall be paid by a cashiers or certified check for \$6,000, made out to the "State Water Pollution Cleanup and Abatement Account" referencing the number of this Settlement Offer. The payment must be submitted to the State Water Resources Control Board, Division of Administrative Services, Accounting Branch, 1001 I Street, 18<sup>th</sup> Floor, Sacramento, California 95814, no later than thirty (30) days after the date the Acceptance and Waiver is executed by the Water Board Executive Officer.

I hereby affirm that I am duly authorized to act on behalf of and to bind DFW in the making and giving of this Acceptance and Waiver.

California Department of Fish and Wildlife

By: \_\_\_\_\_  
(Signed Name) (Date)

\_\_\_\_\_  
(Printed or typed name) (Title)

IT IS SO ORDERED PURSUANT TO WATER CODE SECTION 13385

Date: \_\_\_\_\_

By: \_\_\_\_\_  
PATTY Z. KOUYOUMDJIAN  
EXECUTIVE OFFICER