



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

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.¹ 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**.

¹ 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:

- 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
- 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: <u>Lahontan@waterboards.ca.gov</u>. 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 (<u>catherine.pool@waterboards.ca.gov</u>) 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

EJT/ma/T: Hot Creek Hatchery EPL File Under: ECM / WDID 6B260801001





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

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), if you have any questions regarding this matter.

Senior Water Resource Control Engineer Enforcement and Special Projects Unit

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

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

State of California Department of Fish and Game Memorandum



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

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

| Date 8/19/15 | |
|---|---|
| California Regional Water Quality C Lahontan Region 14440 Civic Drive, Suite 200 Victorville, CA 92392 | ontrol Board |
| 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: WDID Number: | R6V-2006-0027 6B260801001 |
| Time Schedule Order Number: | R6V-2009-0016 |
| Type of Report (Highlight): | Monthly Quarterly Semi-Annual Annual Other |
| Month(s) highlight applicable m | onth(s)*: JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC |
| Year: 2015 | |
| Violation(s) of NPDES Order N | o. R6V-2006-0027? (Please check one):NOX_YES ¹¹ |
| Violation(s) of Time Schedule C | order No. R6V-2009-0016? (Please check one): X NO YES ¹¹ |

^{*}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 Sorce 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 | |
| | | AVG | 3.0 | | | |
| | | | RL=2.0 | RL=0.01 | RL=0.01 | |
| | | | MDI=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 | |
| | | AVG | 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 | |
| | | AVG | 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 | |
| | | AVG | 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 188 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 lewere compared to the other six grabs, sampling error seems to be the cause of this violation. Also with historic 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 | c low |
| 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

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



Gold River, CA 95670 http://www.wildlife.ca.gov

PHONE: (916) 358-2858 FAX (916) 985-4301

LABORATORY REPORT

Name:

Mike Escallier

Lab Number:

L-434-15

Agency: CA Department of Fish and Wildlife

Other Number:

7/6/2015

Address: 121 Hot Creek Hatchery Rd.

Date Sampled:

7/7/2015

City:

Mammoth Lakes, CA 93546

Date Received: 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

Reviewed by Christine Askari

Laboratory Director

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

Spill Title: Suspect:

Phone Number: 760-934-2664

Total Suspended Solids 1L

Sample Comments:

1.9

mg/L

P.O.#:

CC:

| Sample Number: | L-434 | 4-15-01 | | ID#: AA90 | 047 | Sample C | ollection Date: | 7/6/2015 | Time: 9:52 |
|---|--------|----------------|-------|-----------|------------------|----------------|-------------------------------------|--------------------------|---------------------|
| Sample Location: | 4.3.5 | | | | | Lab S | ubmittal 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 Solid | ds 1L | 2.6 | mg/L | | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: Customer reference: | L-43 | 4-15-02 | | ID#: AA90 | 0048 | | ollection Date: Submittal Date: | | Time: 9:57 |
| | - Gray | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Total Suspended Soli Sample Comments: | ds 1L | 1.5 | mg/L | DNQ | 7/7/2015 | TL/CHA | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: Customer reference: | L-43 | 4-15-03 | | ID#: AA90 | 0049 | | Collection Date: Submittal Date: | | Time: 10:04 |
| Customer reference. | 0000 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING | DETECTION | METHOD REFERENCE |

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

0.3

SM 2540 D

DNQ

7/9/2015

TL

2.0

| Sample Number: Sample Location: Customer reference: | L-434- S004 | 15-04 | | ID#: AA90 | 050 | | ollection Date: ubmittal Date: | | Time; 10:11 |
|---|-----------------|----------------|-------|--------------|------------------|--|------------------------------------|--------------------------|---------------------|
| customer relevence. | 3004 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Total Suspended Solid Sample Comments: | ls 1L | 2.2 | mg/L | | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: Customer reference: | L-434 M001-1 | -15-05 | | ID#: AA90 | 051 | | ollection Date: ubmittal Date: | | Time: 9:10 |
| Customer reference. | 10001-1 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Total Suspended Solic Sample Comments: | is 1L | 3.2 | mg/L | | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Location: | | -15-06 | | ID#: AA90052 | | Sample Collection Date: 7/6/2015 Lab Submittal Date: 7/7/2015 | | | Time: 11:15 |
| Customer reference: | M001-2 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | |
| Total Suspended Solid Sample Comments: | ds 1L | 2.8 | mg/L | | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: | L-434 M002-1 | 4-15-07 | | ID#: AA9 | 0053 | | Collection Date Submittal Date: | | Time: 9:14 |
| Customer reference: | WI002-1 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | |
| Total Suspended Soli Sample Comments: | ds 1L | 1.4 | mg/L | DNQ | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: | | 4-15-08 | | ID#: AA9 | 0054 | | Collection Date Submittal Date | | Time: 11:20 |
| Customer reference: | M002-2 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION | |
| Total Suspended Soli Sample Comments: | ids 1L | 2.3 | mg/L | | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |

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

| Sample Number: Sample Location: Customer reference: | L-434- | 15-09 | | ID#: AA90 | 255 | Cample C | W # D # A | 7/6/2015 | |
|---|-----------------|----------------|-------|-----------|------------------|------------------------------|-------------------------------------|--------------------------|---------------------|
| Customer reference | | | | ID#. AABU | Jaa | 200 | ollection Date: ubmittal Date: | | Time: 9:17 |
| oustomer reference. | M003-1 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Total Suspended Solid Sample Comments: | ds 1L | 11.1 | mg/L | | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: | No. Constants | -15-10 | | ID#: AA90 | 056 | and the second second second | ollection Date: Submittal Date: | | Time: 11:33 |
| Customer reference: | M003-2 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Total Suspended Soli Sample Comments: | ds 1L | 1.3 | mg/L | DNQ | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: Customer reference: | L-434 M004-1 | -15-11 | | ID#: AA90 | 0057 | | Collection Date: Submittal Date: | | Time: 9:25 |
| Customer reference. | 10004-1 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Total Suspended Sol Sample Comments: | ids 1L | 6.2 | mg/L | | 7/17/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: | | 1-15-12 | | ID#: AA90 | 0058 | | Collection Date Submittal Date | | Time: 11:33 |
| Customer reference: | M004-2 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING | DETECTION LIMIT (MDL) | |
| Total Suspended So Sample Comments: | ids 1L | 24.9 | mg/L | | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: Customer reference: | | 4-15-13 | | ID#: AA9 | 0059 | | Collection Date Submittal Date | | Time: 10:17 |
| Customer reference. | rani-u | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZEI BY | REPORTING LIMIT (RL) | G DETECTION | |
| Total Suspended So Sample Comments: | lids 1L | 0.8 | mg/L | DNQ | 7/9/2015 | TL | 2.0 | 0.3 | SM 2540 D |

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

L-434-15-14

2.7

ID#: AA90060

Sample Collection Date: 7/6/2015

Time: 10:11

Sample Location: Customer reference: S004 DUP Lab Submittal Date: 7/7/2015

ANALYSIS ANALYZED REPORTING DETECTION **METHOD** TEST REFERENCE LIMIT (MDL) RESULT UNITS QUALIFIER DATE BY LIMIT (RL)

TL

Total Suspended Solids 1L Sample Comments:

mg/L

7/9/2015

0.3

SM 2540 D

Sample Number:

L-434-15-15

ID#: AA90061

Sample Collection Date: 7/6/2015

2.0

Time: 10:17

Sample Location:

Lab Submittal Date: 7/7/2015

Customer reference: PSHI-C

TEST RESULT

0.7

UNITS QUALIFIER **ANALYSIS** DATE

BY

ANALYZED REPORTING DETECTION LIMIT (MDL) REFERENCE LIMIT (RL)

METHOD

Total Suspended Solids 1L Sample Comments:

DNQ mg/L

7/9/2015

TL

2.0

0.3

SM 2540 D

Sample Number:

L-434-15-16

ID#: AA90062

Sample Collection Date: 7/6/2015

2.0

Lab Submittal Date: 7/7/2015

Time: 12:00

Sample Location:

Customer reference: FIELD BLANK

TEST RESULT

UNITS QUALIFIER

ANALYSIS DATE

BY

ANALYZED REPORTING DETECTION LIMIT (RL) LIMIT (MDL)

0.3

METHOD REFERENCE

Total Suspended Solids 1L Sample Comments:

ND

mg/L

7/9/2015

TL

SM 2540 D

Prepared by

Sandra Finlayson

Date

Reviewed by Christine Askari Date

Laboratory Director

Peter Ode

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

| Address |
|--|
| Lab Number Lab Storage Suspect Index-PCA Number of Conductivity: umb |
| Zip Zip Bab Storage Spill Title Suspect Index-PCA Spill Title Suspect Index-PCA Spill Title Suspect Index-PCA Number of Containers Number of Containers Soil lissue Plassic Glove Size: Large Mediu Hazmat Shipper Requested: Yes Mediu |
| Field Number Lab Storage Spill Title Sample Type Index-PCA Water Sample Type Volumber of Containers Soil Tissue Pollution Action Kit: Yeso Plastic Glove Size: Large Mediun Hazmat Shipper Requested: Yeso Mediun Print Name |
| Number Number Fittle Fittle |
| Glass Glass Glass For Containers Pivill Pivill Pivill Tame Pivill Tame Pivill Tame |
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DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD

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| 2.4 |
| 10 |

| LAB COPIES: WHITE, CANARY, PINK SUBMITT | | | 01110 | Samples Reliquished By (Signature) | Comments/Special Instructions | Suspect/Incident Location | Problem Description | | FIELD BLANK | P5 H1-C | JOSC 1765 | 1-1 | Mon 7 7 20 | 751 FBW | Sample Identification/Location (Draw map on separate sheet if necessary) | D Routine Analysis | ☐ DFG Code Violation: ☐ Suspected or Potential Problem | □ Fish & Wildlife Loss Date:Region: | Shipped Via | Date Required/Reason | CA | City Zip | Address | TONSETH | Sampler Ph# |
|---|---------|------------------|----------------------|------------------------------------|------------------------------------|---------------------------|---------------------|--|-------------|---------|-----------|------|-------------|---------|---|-----------------------------------|---|-------------------------------------|-------------|----------------------|-----------|--------------|---------------------|--------------|-----------------|
| SUBMITTER: GOLDENROD | | | TUSSNO | Print Name | | | | | 1 17.00 | 1 1017 | (Ial) | 1017 | 1 1133 | 9 | Collection Date Time | Requested >>> | Analysis | 11 | City | Address | Copies 10 | MAMMITA | 171 Her | 17014 | Send Results 10 |
| | 1212 | 11/1/1/ | 17/7/15 Ling MMonney | Date Received By (Signature) | | | | | く | * | + | * | <i>></i> | · | Trace (Speci | eum Elem fy Be ides) | Fingerprint lents elow) (Specify | Water Temp: 2.2 For (E) pH: | Zip | | | LF5 CA 93546 | CEER HATCHERY RESUL | | |
| | | Christine Askari | Tim Mouris | nature) Print Name | Hazmat Shipper Requested: Yes□ No□ | Glove Size: Large □ Me | tion Kit: | | * | 7 7 | * | * | **** | メ | Water Filtere Soil Tissu Plasti Glass | ed W | Sample Type Number of Containers | mg/L Conductivity: | Index-PCA | Suspect | | Spill Title | 3 | Field Number | (224) |
| FG 1000 (Rev. 9/01) | J-12.00 | 51/E/E | 7-7-15 | Date | 1: Yes No | | N ₀ | | * | / X | , * | | leum | | Temp | | Preservation | 를 | | | stigat | | | | |

Water Pollution Control Lai 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



St e of California -The Natural Resources Agency CA DEPARTMENT OF FISH AND WILDLIFE Water Pollution Control Laboratory

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



2005 Nimbus Road Gold River, CA 95670 http://www.wildlife.ca.gov

PHONE: (916) 358-2858 FAX (916) 985-4301

LABORATORY REPORT

Name:

Mike Escallier

Lab Number:

L-470-15

Agency:

CA Department of Fish and Wildlife

Other Number:

7/21/2015

Address: 121 Hot Creek Hatchery Rd.

Date Sampled:

7/22/2015

City:

Mammoth Lakes, CA 93546

Date Received: **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:

TOTAL

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

Sandra Finlayson

Hatchery Project Manager

Christine Askari

Peter Ode

Laboratory Director

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

HOT CREEK HATCHERY Name:

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

Spill Title: Suspect:

Phone Number: 760-934-2664

P.O.#:

CC:

| Sample Number: | L-470 | -15-01 | | ID#: AA90 | 431 | | ollection Date: ubmittal Date: | | Time: 8:20 |
|---|-----------------|----------------|-------|-----------|------------------|--------------------------|------------------------------------|--------------------------|--------------------------------|
| Sample Location: Customer reference: | M004-1 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Total Suspended Soli ample Comments: | ids 1L | 1.8 | mg/L | DNQ | 7/24/2015 | TL | 2.0 | 0.3 | SM 2540 D |
| | | | | | | | | | |
| Sample Number: Sample Location: | |)-15-02 | | ID#: AA90 | 0432 | The second of the second | ollection Date: submittal Date: | | Time: 10:22 |
| | L-470 M004-2 | TEST RESULT | UNITS | ID#: AA90 | ANALYSIS DATE | The second of the second | | 7/22/2015 | Time: 10:22 METHOD REFERENCE |

Total Lab Analysis Price: \$92.00

Sample Comments:

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

| | מ | J | | |
|---|-----|---|---|--|
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| | 2 | 1 | | |
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| LAB COPIES: WHITE, CANARY, PINK SUBMITTER | The property of the party of th | Samples Kellquisned By (Signature) | | Suspect/Incident Location Comments/Special Instructions | Problem Description | | | | | NO0 4-2 | 2000 | Sample Identification/Location (Draw map on separate sheet if necessary) | ☐ Suspected or Potential Problem ☐ Routine Analysis | ☐ DFG Code Violation: | ☐ Fish & Wildlife Loss Date:Region: | Shipped Via | Date Required/Reason | CA | City | Address | TONCFLY | Sampler Ph# |
|---|--|------------------------------------|------------------|--|---------------------|-----------------------|--|--|--------------|-----------|---------------|--|---|-----------------------|-------------------------------------|---|----------------------|--------------|-------------|--------------|---------|-----------------|
| SUBMITTER: GOLDENROD | Janseth | FIIIL Name | | | 1 & CORDO | | | | | 7/21 1022 | 3 | Collection Date Time | Analysis Requested >>> | | | City | Address | Copies To | MA MMOTH | Address 1 | 1 | Send Results To |
| | 7.00 | 7 7 1 C | Data | | 12 | 10 10 | | | | , | | Petroles Trace E (Specify Pesticion Below) | um Finge lements / Below) des (Spec | | Water Temp: | | | | CKS CA | CREEK | 7 | - |
| | Man and Br | MA | Deseived By Isia | | (| | | | | × | X | TS | 5 | | Force ph: | Zip | | | 735W | HATCHERY | | |
| | WAN. | IVVE | naturel | | | | | | | V | , X | Water | i Water | Sample | DO: | | | | | アゴ | | |
| | 9181 | • | Print | Hazmat Sh | Glove Size: | Pollution Action Kit: | | | | F | 1 | Soil Tissue Plastic | | Туре | mg/L Cond | Index-PCA | Suspect | Spill Little | Lab Storage | Field Number | 1. | Lab Number |
| | T DROWN BY | Land | Print Name | oper Reque | | | | | | | | Glass VOA V | ial | Number of Containers | Conductivity: u | 7 | | | | | 1.0LH | |
| FG 1000 (Rev. 9/01) | 1 6 | 7.22.16 | Date | t: Yes□ No□ | Medium | Yes NoD | | | | y | t | Temp | - | Preservation | u mhos/cm | | | | | | 5 | \ |
| ° ⊅LL | Z | 20 Ra | 05 N | Pollutio Vimbus no Cord 358-285 | Ro | ad | | | 1995 Ranc | Nimb | us Ro rdov | nistry L oad a, CA 9 | | | 17 Ra | esticide 701 Nim ancho (16) 358 | bus R | oad | | | | |

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-477-15

Address: 121 HOT CREEK HATCHERY RD

Customer: Hot Creek Hatchery

City:

MAMMOTH LAKES CA 93546

Index-PCA Code: 4240

Suspect:

Phone Number: 760-934-2664

Spill Title:

P.O.#:

CC:

Sample Number: Sample Location: L-477-15-01

ID#: AA90503

Sample Collection Date: 7/22/2015

Time: 8:30

Lab Submittal Date: 7/23/2015

Customer reference: M004-1

TEST

ANALYSIS DATE

LIMIT (RL)

2.0

ANALYZED REPORTING DETECTION LIMIT (MDL)

METHOD REFERENCE

Total Suspended Solids 1L

0.9

RESULT

UNITS QUALIFIER

mg/L

7/24/2015 TL

BY

BY

0.3

SM 2540 D

Sample Comments:

Sample Number: Sample Location:

Sample Comments:

L-477-15-02

TEST

1.2

RESULT

ID#: AA90504

Sample Collection Date: 7/22/2015

Lab Submittal Date: 7/23/2015

Time: 10:35

DNQ

Customer reference: M004-2

UNITS QUALIFIER ANALYSIS DATE

ANALYZED REPORTING DETECTION

METHOD

Total Suspended Solids 1L

mg/L

DNQ

7/24/2015 TL LIMIT (RL) 2.0

LIMIT (MDL) 0.3

REFERENCE SM 2540 D

Prepared by Sandra Finlayson

Reviewed by Christine Askari Date

aboratory Director

Peter Ode

Total Lab Analysis Price: \$92.00

DNQ = Detected not Quantified H = Holding Time Exceeded ND = Not Detected Lab Number L-477-15 ML = RL

City

FG 1000 (Rev. 9/01) 7.23.11 Preservation Hazmat Shipper Requested: Yes□ No□ bisA of u mhos/cm Glove Size: Large ☐ Medium ☐ Temp Page_ **Number of Containers** IsiV AOV mg/L Conductivity: Pollution Action Kit: Print Name Class Plastic X Field Number Lab Number Lab Storage Index-PCA Tissue Spill Title Suspect Sample Type lios DFG REQUEST FOR ANALYSIS AND CHAIN OF CUSTODY RECORD Filtered Water ö 8 Water Received By (Signature) 품 U HATCHERY Zip orc 551 Y X Below) CA Pesticides (Specify Water Temp: Date Specify Below) HOT CREEK Trace Elements Petroleum Fingerprint Requested >>> 820 Time 1034 Send Results To Collection Analysis LONGEL Copies To SUBMITTER: GOLDENROD Address 22-1 **Print Name** Address Date City Region: h # Zip Draw map on separate sheet if necessary Sample Identification/Location CA Samples Reliquished By (Signature) ☐ Suspected or Potential Problem LAB COPIES: WHITE, CANARY, PINK Comments/Special Instructions ☐ Fish & Wildlife Loss Date: Suspect/Incident Location ☐ DFG Code Violation: Date Required/Reason Problem Description CRoutine Analysis 100C Shipped Via 00 Sampler

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

Petroleum Chemistry Lab

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

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

Pesticide Investigations Lab

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 19

MONTHLY WATER MONITORING SAMPLING RECORD

Representitive 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 | Monitoring | Start Time | End Time | Start Time 2nd Grab | End Time 2nd Grab | PH 1st Grab | PH 2nd Grab | CFS | MGD |
|-------------|---------------------------|---------------|-------------|---------------------------|-------------------------|----------------|----------------|-------|------|
| M-001 | Outfall Settling Pond I | 1314 | 13.30 | | | | | 2.86 | 1.85 |
| M-002 | Outfall Settling Pond II | 1333 | 1345 | | | | | 4.44 | 7.87 |
| M-003 | Outfall McBurney Pond | W35 | 1300 | | | | | 7.4.4 | 1.85 |
| M-004 | Outfall Spawning House II | 1457 | 1440 | | | | | N'S | 4,19 |
| | | | | _ | | | | | |
| S-001 | AB Supply | | | | | | | | |
| S-002 | CD Supply | | | | | | | | |
| S-003 | Hatchery I Spring | | | | | | | | |
| S-004 | Hatchery II Spring | | | | | | | | |
| PSHI-C | Raceway Head Box | | | | | | | | |
| MAIN TINIAG | TRANSETT | | | | | | | | |
| DATE: | 7 | | ĺ | | | | | | |

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

MONTH AND YEAR: UVL^{-}

MONTHLY WATER MONITORING SAMPLING RECORD

Representitive 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 | Monitoring Location Description | Time 1st Grab | Time 1st Grab | Time 2nd Grab | Time Time | PH 1st Grab | PH 2nd Grab | CFS | MGD |
|------------|------------------------------------|------------------|------------------|------------------|-----------|----------------|----------------|-----|-----|
| M-001 | Outfall Settling Pond I | 01.10 | 21.12 | 1115 | 7117 | - | 7.8 | | |
| M-002 | Outfall Settling Pond II | 71.6 | 91:6 | 02/1 | 2211 | 7.0 | h'L | | |
| M-003 | Outfall McBurney Pond | 6.17 | 2.2 | 1125 | 8711 | 7.5 | ーー | | |
| M-004 | Outfall Spawning House II | 228 | 125 | 1133 | 1137 | 1/2 | 7,6 | | |

| 2 954 | 7 (000 | 1001 ho | 10101 |
|-----------|-----------|-------------------|--------------------|
| 125 | 2 | 1001 | 0 B |
| AB Supply | CD Supply | Hatchery I Spring | Hatchery II Spring |
| S-001 | S-002 | S-003 | S-004 |

PSHI-C Raceway Head Box

10 17 Box

PRINT NAME: O TON

DATE: (| (0 | (1)

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

| California Regional Water Quality Lahontan Region 14440 Civic Drive, Suite 200 Victorville, CA 92392 | / Control Board | | | | | |
|---|---------------------|----------------|---------------|---------------|-------------------|------|
| Facility Name: | HOT CREEK HATC | HERY | _ | | | |
| Address: | 121 HOT CREEK HA | TCHERY ROA | ND . | | | |
| 10 | MAMMOTH LAK | ES, CA 93546 | <u> </u> | | | |
| Prepared By: | DANIEL TONSETH | | _ | | | |
| Job Title: | FISH AND WILDLI | E TECHNICIA | AN | | | |
| Phone: | (760) 934-2664 | | _ | | | |
| Email: | hotcreek@dfg.ca.gov | | _ | | | |
| WDR/NPDES Order Number: | R6V-2006-0027 | | | | | |
| WDID Number: | 6B260801001 | | | | | |
| Type of Report (Highlight): | Monthly | Quarterly S | Semi-Annual | Annual | Other | |
| Month(s) highlight applicable | month(s)*: JAN JUL | FEB AUG | MAR SEP OC | APR CT NOV | MAY DEC | JUN |
| Year:2015 | | | | | | |
| Violation(s) of NPDES Order | No. R6V-2006-0027? | Please check | one): | _NOX | YES ¹¹ | |
| Violation(s) of Time Schedule | Order No. R6V-2009- | .00162 (Please | check one). | N(|) X V | ESII |

*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:

- Section IV A. Effluent Limitations,
 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.

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

MONTH AND YEAR: MAP 15

QUARTERLY WATER MONITORING SAMPLING RECORD

Representitive 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.

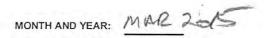
| Monitoring Location | Monitoring Location Description | Start Time 1st Grab | End Time 1st Grab | Start Time 2nd Grab | End Time 2nd Grab | Temperatu F | гі рН | pH. | Dissolved Oxygen Mg | Electrical /I Conductivit | CFS | MGD |
|------------------------|------------------------------------|---------------------------|-------------------------|---------------------------|-------------------------|----------------|-------|------|------------------------|------------------------------|-----|-----|
| S-001 | AB Supply | 1120 | 1123 | 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 | 1195 | XX | XX | XX | XX | XX | XX | xx | | |
| | , , , | 1 | | | | | | | 15 / 2mg | | | |
| M-001 | Outfall Settling Pond I | 953 | 1009 | 1245 | 1255 | 54 | 7.18 | 7.8 | 7.41 a | 262 | | |
| M-002 | Outfall Settling Pond II | 1012 | 1021 | 1300 | 13 00 | 53 | 7.60 | 7.76 | 8.4 4.8 | 15 | | |
| M-003 | Outfall McBurney Pond | 1023 | 1030 | 1310 | 1318 | 52 | 7153 | 7.0 | 9.7 11.9 | 1231 | | |
| M-004 | Outfall Spawning House II | 1040 | 1050 | 1320 | 1330 | 52 | 7.61 | 3.1 | 7.2 7,2 | 229 | | |
| | | | | | | | | | | | | |
| R-001 | Mammoth Creek | - | ICE | 1 | | | XX | XX | | XX | | |
| R-002 | Hot Creek | 1/00 | 1110 | 13 45 | 1355 | 49 | 6175 | XX | 11.41 | XX | | |

Sampling Conducted By:

PRINT NAME: D TONSETH

DATE: 3/2/15

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



QUARTERLY WATER MONITORING SAMPLING RECORD

Representitive 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 1st Grab | End Time Ist Grab | Start Time 2nd Grab | End Time 2nd Grab | Temperatu F | rı pli | pH | Dissolved Oxygen Mg | Electrical / Conducti | | MGD | DUP | mol |
|------------------------|------------------------------------|---------------------------|-------------------------|---------------------------|-------------------------|----------------|--------|-----|------------------------|----------------------------|-------|-------|-------|------|
| S-001 | AB Supply | 1255 | 1320 | XX | XX | XX | XX | XX | XX | xx | 1.12 | .12 | . 0 | 1 |
| -002 | CD Supply | 1325 | 1345 | XX | XX | XX | XX | XXX | XX | xx | 5.23 | 3.38 | 5.19 | 3.35 |
| -003 | Hatchery I Spring | 1400 | 1435 | XX | XX | XX | XX | XX | XX | xx | 3.84 | 2.51 | | |
| -003-2 | Hat I Building | 1455 | 15/0 | XX | XX | XX | XX | XX | XX | xx | .45 | ,29 | | |
| -004 | Hatchery II Spring | 1220 | 1235 | XX | XX | XX | XX | XX | XX | xx | 3.07 | 4.98 | i | |
| 100- | Outfall Settling Pond I | 1020 | 1040 | | | | | | | | 1.63 | 1.85 | 1 | |
| 002 | Outfall Settling Pond II | 1535 | 1550 | | | | | | | | 6:05 | 2.10 | | |
| 003 | Outfall McBurney Pond | 1510 | 1530 | | | | | - | | | 5.10 | 3.29 | 2,64) | 1.70 |
| -004 | Outfall Spawning House II | 1245 | 1305 | | | | | | | | 267 | 1.72 | 100 | 1.10 |
| 1001 | Mammoth Creek | 1100 | 1120 | | | | XX | XX | | XX | 3,3 | 2.13 | | |
| 002 | Hot Creek | 1150 | 1145 | | | | | XX | | XX | 11.44 | 13.85 | | |

| Sampling Conducted By: | |
|------------------------|--|
| PRINT NAME: | |
| DATE: | |

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Conventional & Non-Convetional Pollutants

Hatchery Source Waters

Monitoring Location SOO1-Headwaters AB Spring

| | | | | | | Monitor | ing Location 9 | 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 | Turbidit |
| 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 | | |
| | | | | | | Monitor | ing Location S | OO2-Headwaters | | | | | |
| | | | | | Total Suspended | Dissolved | Nitrate + Nitrite | Orthophosphate, | Total Dissolved | Nitrogen Total | Settleable | | Turbidity |
| Date | Collector | Time | Flow (MGD) | PH | Solids mg/L | Oxygen mg/L | (as N) mg/L | Dissolved (as P) mg/L | | (as N) mg/L | Solids ml/L | Temperature F | 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/S | 002 + 20% | | 0.30 | | | | | | |
| | | | | | | Monit | oring Locatio | n SOO3-Hatchery | Spring | | | | |
| | | | | | Total | | | | Total | THE PARTY OF THE | | | |
| 2750 | 1.00 | 2.000 | Flow (MACD) | 201 | Suspended Solids mg/L | Dissolved Oxygen mg/L | Nitrate + Nitrite (as N) mg/L | Orthophosphate, Dissolved (as P) mg/L | Dissolved Solids mg/L | Nitrogen Total (as N) mg/L | Settleable Solids ml/L | Temperature F | Turbidity NTU |
| Date | Collector | | Flow (MGD) | PH | 10.5.7.7. | Oxygen mg/L | 0.34 | Dissolved (as F) Hig/L | Julius IIIg/ L | (as N/ III6/ L | 301103 1117 E | remperature | 11.0 |
| 03/02/15 | Tonseth | 11:30 | 2.5 | | 10.7 | | 0.34 | | | | | | |
| 03/16/15 | White | 14:00 | 2.5 | DI -0.03 | DI - 2 C | DI =0.01 | RL=0.0100 | RL=0.0050 | RL=10 | RL=0.100 | RL=0.1 | RL=0.1 | RL=1.0 |
| | | | RL=0.01 | RL=0.01 | RL = 2.0 | RL=0.01 | MDL=0.0050 | MDL=0.0020 | MDL=10 | MDL=0.050 | MDL=0.1 | IL-U.I | 111-1.0 |
| | | | | | MDL = 0.3 | | MDL=0.0050 | MDL=0.0020 | INIDC=10 | MDL=0.030 | MDL-0.1 | | |

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| | | | | | | Monito | ring Location | SOO3-2-Hatchery | I Building | | | | |
|----------|-----------|----------|------------|-------------|-----------------------------------|--------------------------|----------------------------------|--|-----------------------------------|-------------------------------|---------------------------|---------------|------------------|
| Date | Collector | Time | Flow (MGD) | РН | 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 | Turbidit 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/S0 | 003-2 + 20% | | 0.49 | | | | | | |
| | | | | | Moni | itoring Locat | ion SOO4-Hat | chery 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+N | itrite + 20% | 0.76 | | | | | | |
| | | | | | Monitoring | Location PSI | H-C-Productio | n Ponds Head Box | k 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 |
| | | Tile Sa. | | | 4.4 | | | | | | | | |
| 03/02/15 | Tonseth | 12:00 | | | 1.1 | | | | | | | | |
| 03/02/15 | Tonseth | 12:00 | 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 |

California Department of Fish and Game -Hot Creek Hatchery 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 | | | | | | | | | | |
| | | | AVG | | 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 **ANALYSIS** ANALYZED REPORTING DETECTION METHOD RESULT UNITS QUALIFIER DATE BY LIMIT (RL) LIMIT (MDL) 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 ANALYSIS ANALYZED REPORTING DETECTION METHOD RESULT UNITS QUALIFIER DATE BY LIMIT (RL) LIMIT (MDL) 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 ANALYZED REPORTING DETECTION **ANALYSIS** METHOD RESULT UNITS QUALIFIER DATE BY LIMIT (RL) LIMIT (MDL) REFERENCE Nitrate + Nitrite as N 0.243 3/17/2015 KB mg/L 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 Lab Submittal Date: 3/3/2015 Sample Location: Customer reference: S002 TEST **ANALYSIS** ANALYZED REPORTING DETECTION METHOD RESULT UNITS QUALIFIER DATE LIMIT (RL) LIMIT (MDL) 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 **ANALYSIS** ANALYZED REPORTING DETECTION METHOD RESULT UNITS QUALIFIER DATE BY LIMIT (RL) LIMIT (MDL) REFERENCE Nitrate + Nitrite as N 0.340 KB mg/L 3/17/2015 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: Sample Location: Customer reference: | L-099- S001-Dup | | | ID#: AA86 | 682 | | ollection Date: ubmittal Date: | | Time: 10:20 |
|--|--------------------|----------------|--------------|-----------|------------------------|----------------|-------------------------------------|--------------------------|----------------------------|
| customer reference. | 3001-Бир | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Nitrate + Nitrite as N Sample Comments: | | 0.260 | mg/L | | 3/17/2015 | КВ | 0.0100 | 0.0050 | EPA 353.2 |
| Sample Number: Sample Location: | L-099 | | | ID#: AA86 | 683 | | ollection Date: Submittal Date: | | Time: 10:25 |
| Customer reference: | S002-Dup | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Nitrate + Nitrite as N Sample Comments: | | 0.242 | mg/L | | 3/17/2015 | КВ | 0.0100 | 0.0050 | EPA 353.2 |
| Sample Number: Sample Location: Customer reference: | L-099 | -15-38 | | ID#: AA86 | 6684 | | Collection Date: Submittal Date: | | Time: 14:00 |
| Customer reference. | ricdibian | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Ammonia as N Nitrate + Nitrite as N Sample Comments: | | ND ND | mg/L mg/L | | 3/19/2015 3/17/2015 | SF KB | 0.100 0.0100 | 0.040 0.0050 | SM 4500-NH3 D EPA 353.2 |
| Sample Number: Sample Location: | | -15-39 | | ID#: AA86 | 6685 | | Collection Date: Submittal Date: | | Time: 14:02 |
| Customer reference: | FieldBlan | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | |
| Total Suspended Soli Sample Comments: | ids 1L | ND | mg/L | | 3/6/2015 | СНА | 2.0 | 0.3 | SM 2540 D |
| Sample Number: Sample Location: Customer reference: | | 9-15-40 | | ID#: AA86 | 6686 | | Collection Date Submittal Date | | Time: 11:35 |
| Quatorner reference. | 0000-2 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | |
| Nitrate + Nitrite as N Sample Comments: | | 0.954 | mg/L | | 3/17/2015 | KB | 0.0100 | 0.0050 | EPA 353.2 |

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

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| 1 | | | | | | | | | |
|---|--------|----------------|-------|-----------|------------------|----------------|-------------------------------------|--------------------------|---------------------|
| Sample Number: Sample Location: | 1.1 |)-15-31 | | ID#: AA86 | 677 | | ollection Date: ubmittal Date: | | Time: 10:23 |
| Customer reference: | M003-1 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Nitrate + Nitrite as N Sample Comments: | | 0.594 | mg/L | | 3/17/2015 | КВ | 0.0100 | 0.0050 | EPA 353.2 |
| Sample Number: Sample Location: Customer reference: | | 9-15-32 | | ID#: AA86 | 6678 | | ollection Date: Submittal Date; | | Time: 13:10 |
| | | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Nitrate + Nitrite as N Sample Comments: | | 0.584 | mg/L | | 3/17/2015 | КВ | 0.0100 | 0.0050 | EPA 353.2 |
| Sample Number: Sample Location: Customer reference: | |)-15-33 | | ID#: AA86 | 6679 | | collection Date: Submittal Date: | | Time: 10:40 |
| | | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | METHOD REFERENCE |
| Nitrate + Nitrite as N Sample Comments: | | 0.634 | mg/L | | 3/17/2015 | КВ | 0.0100 | 0.0050 | EPA 353.2 |
| Sample Number: Sample Location: Customer reference: | L-099 | 9-15-34 | | ID#: AA86 | 6680 | | Collection Date: Submittal Date: | | Time: 13:20 |
| | | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | |
| Nitrate + Nitrite as N Sample Comments: | | 0.685 | mg/L | | 3/17/2015 | КВ | 0.0100 | 0.0050 | EPA 353.2 |
| Sample Number: Sample Location: Customer reference; | | 9-15-35 | | ID#: AA86 | 6681 | | Collection Date: Submittal Date: | | Time: 11:00 |
| | 44.00 | TEST RESULT | UNITS | QUALIFIER | ANALYSIS DATE | ANALYZED BY | REPORTING LIMIT (RL) | DETECTION LIMIT (MDL) | |
| Ammonia as N | | 0.077 | mg/L | DNQ | 3/19/2015 | SF | 0.100 | 0.040 | SM 4500-NH3 |

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

Sample Comments:

Sa ha 17

3/25/15

Date

Confinence of the Reviewed by

Christine Askari

03/26/15

Date

Laboratory Director

Peter Ode

Sandra Finlayson

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

| 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 |
|-----------|--------------------|---------------|---|---|--|---|--|--|--|---|---|--|
| Tonseth | 9:53 | | 7.2 | 1.7 | 7.4 | 0.27 | 10.9 | 193 | 262 | ND | 54 | 0.7 |
| Tonseth | 12:45 | | 7.8 | 1.6 | 9 | 0.26 | | 193 | | ND | | |
| White | 10:20 | 1.1 | | | | | | | | | | |
| | | AVG | | 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 | | |
| | Tonseth Tonseth | Tonseth 12:45 | Tonseth 9:53 Tonseth 12:45 White 10:20 1.1 AVG | Tonseth 9:53 7.2 Tonseth 12:45 7.8 White 10:20 1.1 AVG | Collector Time Flow (MGD) PH Suspended Solids mg/L Tonseth 9:53 7.2 1.7 Tonseth 12:45 7.8 1.6 White 10:20 1.1 AVG 1.7 RL=0.01 RL=0.01 RL=2.0 | Total Suspended Suspended ODissolved Solids mg/L Collector Time Flow (MGD) PH Solids mg/L Solids mg/L Solids mg/L Oxygen mg/L Tonseth 9:53 7.2 1.7 7.4 Tonseth 12:45 7.8 1.6 9 White 10:20 1.1 AVG 1.7 RL=0.01 RL=0.01 RL=2.0 RL=0.01 | Total Suspended Suspended Solids mg/L Dissolved Oxygen mg/L Nitrate + Nitrite (as N) mg/L Tonseth 9:53 7.2 1.7 7.4 0.27 Tonseth 12:45 7.8 1.6 9 0.26 White 10:20 1.1 AVG 1.7 0.26 RL=0.01 RL=0.01 RL=2.0 RL=0.01 RL=0.0100 | Total Suspended Suspended Solids mg/L Dissolved Oxygen mg/L Nitrate + Nitrite (as N) mg/L Sulfate mg/L Tonseth Pinneth 9:53 7.2 1.7 7.4 0.27 10.9 Tonseth Pinneth 12:45 7.8 1.6 9 0.26 9 White Pinneth 10:20 1.1 1.7 0.26 0.26 0.26 RL=0.01 RL=0.01 RL=0.01 RL=0.01 RL=0.010 RL=0.010 RL=0.050 | Total Suspended Dissolved Nitrate + Nitrite Sulfate mg/L Solids mg/L | Total Suspended Dissolved Oxygen mg/L Sulfate mg/L Sulfate mg/L Solids mg/L UMHOS | Total Suspended Dissolved Nitrate + Nitrite Collector Time Flow (MGD) PH Solids mg/L Oxygen mg/L (as N) mg/L Sulfate mg/L Solids mg/L Oxids mg/L Solids mg/L Oxygen mg/L Sulfate mg/L Solids mg/L UMHOS Solids ml/L | Collector Time Flow (MGD) PH Suspended Solids mg/L Oxygen mg/L Oxygen mg/L Oxygen mg/L (as N) mg/L Oxygen mg/L (as N) mg/L Oxygen mg/L O |

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

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Monitoring Location MOO2-Outfall Settling Pond II

| Date | Collector | Time | Flow (MGD) | РН | 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 | | | | | | | | | | |
| | | | AVG | | 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 | | |
| | | | Weight | ed AVG M00 | 1/M002 | | 0.25 | | | | | | |
| | | | | | | | | | | | | | |

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

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

Monitoring Location MOO4-Outfall Spawning House II

| Date | Collector | Time | Flow (MGD) | РН | 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 | | | | | | | | | | |
| | | | AVG | | 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



| - 4 | , 1 |
|-------|------|
| Page | of 1 |
| 1 agc | 01 |

| Sampler Ph# | Send Re | | | | | | | | | | | | Lab 1 | | | 0 | a , | paratriciani. | | | W |
|---|-------------|----------|-------------|----------------|-------------------------------|-------|-----|--------|---------|-------------|-------------------|----------------|--------|--------|---------|---------|------------|---------------|-------|-----------|--|
| TONSETH | | HC | | | | | | | | | | | | 2 | .0 | 97 | 7./ |) | | | |
| Address | Address | | 1 - 21 | | | 0 = 0 | | | | | | | Field | Nun | nber | | | | | | |
| | City | Hor w | LEEK | 14 | #16 | 1161- | 1 | Zip | 1354 | | | | Lab S | Stora | age | | | | | | 9 6 |
| City Zip | MAM | MOTH | L-K5 | | CA | | | 2 | 354 | 16 | | | | | | | | | | | 15 La 3567(|
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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

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, 18th 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.

By: (Signed Name) (Date)

(Printed or typed name) (Title)

IT IS SO ORDERED PURSUANT TO WATER CODE SECTION 13385

Date: ______

PATTY Z. KOUYOUMDJIAN EXECUTIVE OFFICER

EJT/ma/T: Hot Creek Hatchery MMP EPL Acceptance Offer

California Department of Fish and Wildlife

File Under: ECM / WDID 6B260801001