RUEN-YEAGER & ASSOCIATES, INC.
ENGINEERS ♦ PLANNERS ♦ SURVEYORS

July 20, 2012

RECEIVED
JUL 23 2012
U.S. EPA REGION 10
OFFICE OF COMPLIANCE AND ENFORCEMENT

Director
Office of Water
ATTN: PCS Data entry Team
EPA
Region 10
1200 Sixth Avenue, OW -133
Seattle, Washington 98101

Re: City of Elk River Additional Effluent Sampling Point.
Project No.: P101005

Dear Director:

The City of Elk River, Idaho, NPDES Permittee #ID -002036-2, proposes to install a new sampling point to monitor discharges of treated wastewater to the West Fork of Elk Creek.

The new sample point will be designated Sample Point 2, it is upstream of the discharge point to the West Fork of Elk Creek but further downstream of the dechlorination point. This will allow for additional dechlorination contact time. Sample Point 2 is at the location of the originally proposed sample point as provided in the 1989 Construction Plans approved by IDEQ, for reasons unknown this Sample point was never installed. See attached Plan for reference.

This installation will be a part of the 2012 Elk River WWTP Improvement Project submitted to IDEQ for Approval in June of 2012, and proposed for construction in the fall of 2012.

Sincerely,
RUEN-YEAGER & ASSOCIATES, INC.

John J. Karpenko P.E.
Senior project Engineer

JJK/ap
P:\2010\P101005_ElkGeneral\99_Correspondence\02_Out\Letter of Notification of Second Sample Point 07-20-12.doc

cc: Michael Camin P.E., IDEQ Lewiston Regional Office, 1118 "F" Street, Lewiston, Idaho 83501
City of Elk River box H, Elk River, Idaho 83827

3201 North Huetter Road, Suite 102, Coeur d'Alene, Idaho 83814, Phone: (208) 292-0820 Fax: (208) 292-0821
219 Pine Street, Sandpoint, Idaho 83864, Phone: (208) 265-4629 Fax: (208) 263-0404

RECORD DRAWING 05-14-92

Re

7/20/12 JJK

PROPOSED SAMPLE POINT 2

POND TRANSFER LINE PROFILE

LEVEL CONTROL STRUCTURE STA: 1+25 I.E.=16.3

POND NO.1 — POND NO.2

8" CL 160 PVC I.E.=16.7 S=0.00

2825 / 2820 / 2815

0+00 1+00 2+00 3+00 4+00

LEGEND

- CLEANOUT STATION 5+80
- INLET/OUTLET CONTROL STRUCTURE
- LEVEL CONTROL STRUCTURE
- TYPE A CLEANOUT
- VALVE (RESILIENT WEDGE)
- CHLORINE CONTACT CHAMBER
- SAMPLING MANHOLE
- CONTROL BUILDING
- ~~DOWNCH MOUNT ASSEMBLY~~
- ~~CABLE MOUNT ASSEMBLY~~
- ~~AERATOR CONTROL PANEL~~
- ~~AERATOR~~
- NOT CONSTRUCTED

NOT CONSTRUCTED

NOT CONSTRUCTED

NOT CONSTRUCTED

NOT CONSTRUCTED

REMOVE EXISTING FENCE INSTALL HOG WIRE FENCE AS SPECIFIED

OUTSIDE TOE OF BERM

INSIDE TOE OF BERM

6" TETHERING CABLE

POND NO.1 BOTTOM ELEV.=18.20

PROVIDE MECHANICAL JOINT FITTINGS AS REQUIRED ON 4" CL 160 PVC

EXISTING CONTROL STRUCTURE #2

INSIDE TOE OF BERM

OUTSIDE TOE OF BERM

4" CL 160 PVC WITH BURIED POWER SERVICE S=0.00, I.E.=16.70 MAINTAIN 3' BURY

POND NO.2 BOTTOM ELEV.=17.8

EXISTING CONTROL STRUCTURE #1

CONSTRUCT

ACCESS ROAD ON TOP OF BERM

EXISTING CONTROL STRUCTURE #3

6' CHAIN LINK FENCE WITH 20' GATES AS SHOWN CONSTRUCTED TO ZONE STANDARDS

OVERHEAD POWER

ACCESS ROAD - 15' WIDTH

6" CL 160 PVC

NOTE: ~~ON ACCESS ROAD OVERHEAD POWER TO BE SUPPLIED~~ BY CONTRACTOR AT HIS OWN EXPENSE ~~CHAIN LINK FENCE AND GATES TO BE INCLUDED IN CONTRACTOR'S LUMP SUM PRICE FOR CONTROL BUILDING~~

LOGGING ROAD

DELETE SAMPLING MANHOLE

TO BE PAID FOR UNDER PAY ITEM 605.02.1

TO WASHINGTON WATER POWER T.C.IN

ELK CREEK

MAIN STREET

FRONT STREET

MILL STREET

STORAGE

ABANDONED KILN WALL

MECHANICAL JOINT 45° ELBOW

22.5° ELBOWS MECHANICAL JOINT

DELETE 8" CL 160 PVC INLET

SECTION A-A

1 6-8' 1

8" CL 160 PVC

DELETE 6" CL 160 PVC

SECTION B-B

DELETE 2" PVC WATER SERVICE

DELETE ~~DIRECT BURIED POWER CABLE TO AERATOR~~

6" CL 160 PVC

SECTION C-C

M.H. STA: 0+00

TYPE A CLEANOUT

2830 / 2825 / 2820 / 2815

I.E.=22.80

8" CL 160 PVC S=0.004

INLET STA: 2+90 I.E.=20.2

INLET STA: 8+90 I.E.=18.0

8" CL 160 PVC

CHLORINATION HOUSE

LOGGING ROAD

℄ ELK CREEK

OUTFALL STA: 16+15

OUTLET STATION 5+70

8" CL 160 PVC I.E.=16.7 S=0.00

OUTLET STATION 6+80

NOTE: BREAK IN PROFILE

CHLORINE CONTACT CHAMBER

I.E.=16.45

8" CL 160 PVC S=0.0022

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00