

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: NEW MEADOWS, CITY OF
 ADDRESS: W MCCLAIN STREET
 NEW MEADOWS, ID 83654
 FACILITY: NEW MEADOWS, CITY OF
 LOCATION: 100 WEST MCCLAIN STREET
 NEW MEADOWS, ID 83654

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

ID0023159
 PERMIT NUMBER
 001A
 DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 08 08 01 08 08 31

GCOPY

DMR MAILING ZIP CODE: 83654
 MINOR \$
 (SUBR02)

External Outfall

No Discharge

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	PERMIT REQUIREMENT	VALUE	UNITS	PERMIT REQUIREMENT			
BOD, 5-day, 20 deg. C	***	90	lb/d	30	mg/L	Monthly	COMP-8			
00310 1 0	***	MO AVG	lb/d	MO AVG	mg/L	Monthly	COMP-8			
Effluent Gross	***	***	***	***	***	***	***			
BOD, 5-day, 20 deg. C	***	***	***	***	***	***	***			
00310 G 0	***	***	***	***	***	***	***			
Raw Sewage Influent	***	***	***	***	***	***	***			
BOD, 5-day, 20 deg. C	***	***	***	***	***	***	***			
00310 W 0	***	***	***	***	***	***	***			
See Comments	***	***	***	***	***	***	***			
pH	***	***	***	***	***	***	***			
00400 1 0	***	***	***	***	***	***	***			
Effluent Gross	***	***	***	***	***	***	***			
Solids, total suspended	***	***	***	***	***	***	***			
00530 1 0	***	135	lb/d	45	mg/L	Monthly	COMP-8			
Effluent Gross	***	MO AVG	lb/d	MO AVG	mg/L	Monthly	COMP-8			
Solids, total suspended	***	***	***	***	***	***	***			
00530 G 0	***	***	***	***	***	***	***			
Raw Sewage Influent	***	***	***	***	***	***	***			
Solids, total suspended	***	***	***	***	***	***	***			
00530 W 0	***	195	lb/d	65	mg/L	Monthly	COMP-8			
See Comments	***	WKL Y AVG	lb/d	WKL Y AVG	mg/L	Monthly	COMP-8			

*** NO DISCHARGE FOR PERIOD.

WATER RETAINED IN LAGOONS.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 JOHN P FRANKS, CITY MNGR

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 208-347-2171
 DATE: 08 09 09

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 MONITORING LOCATION "W" IS FOR EFFLUENT

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

RECOPY

Form Approved
OMB No. 2040-0004

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LOCATION: 100 WEST MCCLAIN STREET
NEW MEADOWS, ID 83654

ID0023159
PERMIT NUMBER

001A
DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
08	08	01	08	08	31

DMR MAILING ZIP CODE: 83654
MINOR \$
(SUBR02)
External Outfall

No Discharge

PARAMETER	SAMPLE MEASUREMENT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Flow, in conduit or thru treatment plant										
50050 1 0 Effluent Gross		Req. Mon. MO AVG	Req. Mon. DPD MAX	Mgal/d	*****	*****	*****		Continuous	RCORDR
Chlorine, total residual					*****	*****	*****			
50060 1 0 Effluent Gross		1.5 MO AVG		lb/d	*****	*****	*****		Weekly	GRAB
Chlorine, total residual					*****	*****	*****			
50060 W 0 See Comments		2.3 WKLY AVG		lb/d	*****	*****	*****		Weekly	GRAB
E. coli					*****	*****	*****			
51040 1 0 Effluent Gross					*****	*****	*****		5 Times Every Month	GRAB
BOD, 5-day, percent removal					*****	*****	*****			
81010 K 0 Percent Removal					85 MN % RMV	*****	*****		Monthly	CALCTD
Solids, suspended percent removal					*****	*****	*****			
81011 K 0 Percent Removal					65 MN % RMV	*****	*****		Monthly	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	JOHN P FRANKS, CITY MNG			TELEPHONE	208-347-2171			DATE	08 09 09		
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA CODE	NUMBER			YEAR	MO	DAY	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1445 North Orchard • Boise, Idaho 83706 • (208) 373-0550

C.L. "Butch" Otter, Governor
Toni Hardesty, Director

August 29, 2008

Doug Buys
City of New Meadows
PO Box 324
New Meadows, ID 83654

RE: NPDES Permit Inspection (Permit No. ID-002315-9)
City of New Meadows Wastewater Treatment Plant

Dear Mr. Buys:

On July 22, 2008, The Department of Environmental Quality (DEQ) conducted a National Pollutant Discharge Elimination System (NPDES) compliance inspection of the City of New Meadows Municipal Wastewater Treatment Plant. Deficiencies noted during the inspection and items that must be addressed are listed below.

Deficiencies Noted:

- **The Facility is not meeting the 6-hour holding time for bacteria samples.**

A detailed description of the inspection and noted deficiencies is provided in the enclosed NPDES Compliance Inspection Report.

We appreciate your assistance with completing the facility inspection. Thanks to you and your staff for sharing details about plant operations and your NPDES permit. Please call me at 373-0550 if you have any questions or comments regarding this report.

Sincerely,

R. Todd Crutcher, P.E.
Staff Engineer

RTC:vee: I:\NPDES\FY08\New Meadows\New Meadows Inspection Report August 28 2008.doc

Enclosures: EPA Form 3560-3 (copy) & NPDES Compliance Inspection Report (copy)

c: Mark Mason, P.E., DEQ-Boise Regional Office (With Inspection Report)
Rick Huddleston, P.E., DEQ-State Office (With Inspection Report & Form 3560-3)
Kim Ogle, EPA-Region 10 Seattle (With Original Enclosures & Photo log)
Maria Lopez, EPA-Boise Field Office (With Enclosures & Photo log)
Douglas MacNichol, Plant Operator (With Inspection Report)
File 5 (With Enclosures & Photo log), Reading File

NPDES Compliance Inspection Report

FACILITY: City of New Meadows Wastewater Treatment Plant
ID-002315-9

ADDRESS: PO Box 324
New Meadows, ID 83654

FACILITY CONTACTS: Doug Buys, Public Works Supervisor
Douglas MacNichol, Plant Operator

RESPONSIBLE OFFICIAL: Doug Buys
Phone: 208-634-7754
Fax: 208-634-8755

INSPECTION DATE: July 22, 2008

REPORT DATE: August 29, 2008

INSPECTOR: R. Todd Crutcher, Idaho DEQ

Entry:

At 1357 on July 22, 2008 I arrived at the City of New Meadows Wastewater Treatment Plant. I was accompanied by Tressa Nicholas with Idaho DEQ. We met with Mr. Douglas MacNichol, Plant operator and Mr. Doug Buys, Public Works Supervisor. We discussed plant operations, and any changes, upgrades, upsets, or violations during the permit cycle. I also check the plants record keeping, and conducted a walkthrough of the plant.

Inspection Findings:

Record Keeping:

All plant records are maintained in the Maintenance building at the treatment plant..

Permit: I asked Mr. MacNichol if he had a copy of the NPDES Permit. Mr. MacNichol quickly produced a copy of the permit. I reviewed the contents of the permit with Mr. MacNichol and Mr. Buys.

QAP & OMM: I asked Mr. MacNichol to see a copy of the Quality Assurance Plan (QAP) and the Operation and Maintenance Manual (OMM). I briefly reviewed the these documents and it appears they are complete. Although the documents appear to be current, I recommended to Mr. MacNichol and Mr. Buys that they review and update the QAP & OMM to reflect system operation changes on an annual basis.

Lab Reports: I reviewed some of the lab reports while on site at the facility and got a copy of the February 2008 reports for use in recreating the DMR. I verified that the facility also keeps a copy of the analytical reports and DMR's on site.

While reviewing the lab reports I noted to Mr. MacNichol that several of the lab reports were either missing information such as who collected or submitted the sample or what time the sample was collected or submitted. We discussed with Mr. MacNichol the importance having all of the sample information correct and suggested that if future laboratory reports are missing information, he should request that the lab correct and reissue the report.

The facility is not meeting the holding times for all bacteria monitoring. Some bacteria samples are taken by a representative from analytical labs and then transported to Boise for analysis; others are taken by Mr. MacNichol or Mr. Buys and then shipped overnight to analytical labs in Boise. This causes the samples to exceed the 6-hour hold time for bacteria. I told Mr. MacNichol and Mr. Buys that they will need to adjust the sampling and transport methods to make sure that the samples meet the required holding times. I further suggested that they look into using a courier service or alternate lab (such as the City of McCall WWTP) for bacteria analysis.

DMRs: I reviewed the analytical reports and recreated the DMR's for the month of February 2008. I did not find any discrepancies with the calculations and reported values.

Surface Water Monitoring:

The facility is currently conducting surface water monitoring as required by the permit.

Facility Inspection and Site Review:

The system utilizes a Parshall Flume (Figure 3) and an ultrasonic ranger for influent flow measurement. The Parshall Flume is constructed with a built in stilling well (Figures 4 & 5); however, the facility is not using the stilling well. I recommended to Mr. MacNichol or Mr. Buys that they look into moving the ultrasonic level sensor into the stilling well as it would provide more accurate results. The system tracks influent flow; however, effluent flow is used to report loading rated on the DMR. Mr. MacNichol also stated that the sensors are calibrated twice a year.

I observed the chlorination system (Figures 13 & 14), the grit removal auger (Figure 2), treatment cells one, two and three and flow splitters (Figures 6-10), effluent flow measurement (Figures 11 & 12), and the outfall (Figures 15 & 16). Everything appeared to be in proper working order and I did not note any deficiencies with during the site inspection.

Exit:

After completing the inspection, we conducted an exit meeting with Mr. Collins. We discussed the items noted during the inspection and offered advice on how they could improve operation and resolve the deficiencies. We left the City of New Meadows Wastewater Treatment Plant at 1530 on July 22, 2008.

Attachments: EPA Form 3560-3


R. Todd Crutcher

8-29-08
Date